CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Nov. 7	Idlewood (Warrensville P. O.), O.	Oct. 20
Nov. 7	Perrysburg, N. Y.	Oct. 27
Nov. 7	Cloquet, Minn.	Nov. 3
Nov. 8	Parsons, Kan.	Nov. 3
Nov. 9	Greenburgh, N. Y. Adv. Oct. 27 and Nov. 3.	Nov. 3
Nov. 9	Girardville, Pa. Adv. Oct. 27 and Nov. 3.	Nov. 3
Nov. 10	New York Adv. Oct. 6 to Nov. 3.	Oct. 6
Nov. 10	New Braunfels, Tex.	Oct. 13
Nov. 10	Anthony, Kan.	Nov. 3
Nov. 12	Brooklyn, N. Y.	Nov. 3
Nov. 14	Syracuse, N. Y.	Oct. 27
Nov. 21	Detroit, Mich.	Nov. 3

SEWERS

Nov. 7	Rochester, Minn.	Nov. 3
Nov. 8	London, Ont.	Oct 13
Nov. 8	Emporia, Kan.	Nov. 3
Nov. 9	Reading, Pa. Adv. Oct. 27 and Nov. 3.	Oct. 20
Nov. 12	Charlotte, N. C. Adv. Nov. 3.	Nov. 3
Nov. 15	Rutherford, N. J.	Oct. 20
Nov. 15	Petersburg, Ind. Adv. Nov. 3.	Nov. 3
Nov. 17	Warren, O.	Nov. 3
Nov. 22	Wallington, N. J.	Oct. 20
Nov. 29	Newark, N. J.	Oct. 27

BRIDGES

Nov. 7	Washington	Oct. 27
Nov. 8	North Carolina	Oct. 27
Nov. 8	St. Joseph, Mo.	Nov. 3
Nov. 9	Washington, N. J. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 9	Mays Landing, N. J. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 10	New York, N. Y.	Nov. 3
Nov. 11	Detroit, Mich.	Oct. 27
Nov. 12	Buffalo, N. Y.	Oct. 27
Nov. 15	Oklahoma City, Okla.	Oct. 6
Nov. 15	Illinois	Nov. 3
Nov. 16	Little Rock, Ark. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 18	Dayton, O.	Oct. 20
Nov. 19	Ohio	Nov. 3
Nov. 21	Sheboygan, Wis. Adv. Nov. 3.	Nov. 3
Nov. 29	Shadesville, O.	Nov. 3

RAILWAYS

Nov. 9	New York	Oct. 20

EXCAVATION AND DREDGING

Nov. 7	Fairmont, Minn.	Nov. 3
Nov. 8	Portage, Wis.	Nov. 3
Nov. 9	Red Oak, Ia.	Oct. 27
Nov. 10	Phila., Pa. Adv. Nov. 3.	Nov. 3
Nov. 17	Carrollton, Ill.	Oct. 27
Dec. 1	Riverton, Wyo.	Oct. 20
Jan. 7	Duluth, Minn.	Oct. 13

STREETS AND ROADS

Nov. 7	Louisiana	Oct. 27
Nov. 7	Long Island City, N. Y.	Nov. 3
Nov. 7	Phila., Pa.	Nov. 3
Nov. 8	Wyoming	Nov. 3
Nov. 8	Warren, Minn.	Oct. 27
Nov. 8	Stockton, Cal.	Oct. 27
Nov. 8	Bay City, Tex.	Oct. 27
Nov. 8	North Carolina	Oct. 27
Nov. 8	Robinson, Ill.	Nov. 3
Nov. 8	Cassopolis, Mich.	Nov. 3
Nov. 8	Joliet, Ill.	Nov. 3
Nov. 9	Mays Landing, N. J. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 9	Titusville, Fla.	Oct. 27
Nov. 9	Davenport, Ia.	Nov. 3
Nov. 10	Ishpeming, Mich.	Oct. 27
Nov. 10	Missouri	Oct. 27
Nov. 10	Missouri	Nov. 3
Nov. 10	Brooklyn, N. Y.	Nov. 3
Nov. 11	Missouri	Oct. 27
Nov. 11	Birmingham, Ala.	Nov. 3
Nov. 12	San Marcos, Tex.	Nov. 3
Nov. 12	Charlotte, N. C. Adv. Nov. 3.	Nov. 3
Nov. 12	Missouri	Nov. 3
Nov. 14	California	Nov. 3
Nov. 14	East Moline, Ill.	Nov. 3
Nov. 15	Okmulgee, Okla.	Nov. 3
Nov. 15	Illinois	Nov. 3
Nov. 15	West Branch, Mich.	Nov. 3
Nov. 16	Leon, Ia.	Nov. 3
Nov. 17	West Virginia Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 17	Warren, O.	Nov. 3
Nov. 18	North Carolina	Nov. 3
Nov. 19	Ohio	Nov. 3
Nov. 22	Pennsylvania Adv. Nov. 3.	Nov. 3
Dec. 7	Salina, Kan.	Nov. 3

INDUSTRIAL WORKS

Nov. 7	Cleveland, O.	Oct. 27
Nov. 10	Peoria, Ill.	Nov. 3
Nov. 18	Columbus, O.	Nov. 3

BUILDINGS

Nov. 7	Bridgman, Mich.	Oct. 20
Nov. 7	La Grange, Ill.	Oct. 27
Nov. 7	Lorain, O.	Oct. 27
Nov. 8	Osawatomie, Kan.	Oct. 20
Nov. 8	St. Louis, Mo.	Nov. 3
Nov. 9	Newton, Mass.	Nov. 3
Nov. 9	Newark, N. J.	Nov. 3
Nov. 9	Minneapolis, Minn.	Nov. 3
Nov. 9	Parsons, Kan.	Nov. 3
Nov. 10	Ithaca, N. Y. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 10	Evanston, Ill.	Nov. 3
Nov. 15	Greensboro, N. C.	Nov. 3
Nov. 16	San Francisco, Cal.	Oct. 27
Nov. 18	Columbus, O.	Nov. 3
Nov. 22	Lawrence, Kan.	Nov. 3
Nov. 23	Toledo, O.	Nov. 3
Nov. 23	Wilson, N. C.	Nov. 3
Dec. 20	Missoula, Mont.	Oct. 20
Dec. 20	Bozeman, Mont.	Oct. 20
Dec. 20	Butte, Mont.	Oct. 20
Jan. 15	Laramie, Wyo.	Sept. 29
Feb. 1	Williamsport, Pa.	Sept. 8
Feb. 1	Duluth, Minn.	Oct. 27

FEDERAL GOVERNMENT WORK

Nov. 7	Mezzanine Floor—Baltimore, Md.	Oct. 27
Nov 8	Tower and Tank—Cape Fear, N. C.	Oct. 20
Nov. 9	Wiring System—Phila., Pa	Oct. 27
Nov. 10	Kitchen and Mess Hall—Ft. Logan H. Roots, Ark.	Oct. 27
Nov. 10	Dredging — Weymouth, Mass. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 10	Dredging, Boston, Mass.	Oct. 27
Nov. 15	Monument — Plattsburg, N. Y. Adv. Oct. 20 to Nov. 3.	Oct. 20
Nov. 15	Vessel—St. Louis, Mo. Adv. Oct. 20 to Nov. 3.	Oct. 20
Nov. 15	Equipment — Sheridan, Wyo.	Oct. 27
Nov. 16	Mechanical Equipment — Prescott, Ariz.	Oct. 27
Nov. 16	Watertube Boilers — Memphis, Tenn. Adv. Oct. 20 to Nov. 3.	Oct. 27
Nov. 16	Chimney—Bellevue, D. C.	Nov. 3
Nov. 16	Derrick Boat — Nashville, Tenn. Adv. Oct. 27 and Nov. 3.	Nov. 3
Nov. 18	Lock Gates—Cincinnati, O. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 18	Mailing Vestibules—Portsmouth, O. Adv. Nov. 3.	Nov. 3
Nov. 21	Buildings — Walla Walla, Wash.	Oct. 27
Nov. 21	Dredging Plant—San Francisco, Cal.	Nov. 3
Nov. 22	Buildings—Rutland, Mass.	Oct. 27
Nov. 22	Monument—Vergennes, Vt. Adv. Oct. 27 and Nov. 3.	Oct. 27
Nov. 23	Tower—Keyport, Wash.	Nov. 3
Nov. 23	Tower—Eureka, Cal.	Nov. 3
Nov. 23	Scows—Pittsburgh, Pa. Adv. Oct. 27 and Nov. 3.	Nov. 3
Nov. 28	Dredging—Baltimore, Md. Adv. Nov. 3.	Nov. 3
Nov. 30	Dredging—Savannah, Ga.	Nov. 3
Dec. 7	Storehouse—Pearl Harbor, H. T.	Oct. 6

MISCELLANEOUS

Nov. 8	Garbage Disposal—Charleroi, Pa.	Nov. 3
Nov. 8	Coal Crusher, Conveyor — Lincoln, Neb.	Nov. 3
Nov. 8	Suspension Supports—Lincoln, Neb.	Nov. 3
Nov. 11	Coal and Ash Handling Machinery and Equipment — Milwaukee, Wis.	Oct. 20
Nov. 11	Traveling Crane, etc.—Camden, N. J. Adv. Oct. 27 and Nov. 3.	Nov. 3
Nov. 28	Dike—Revere, Mass. Adv. Oct. 27 and Nov. 3.	Nov. 3
Nov. 28	Piles—Portland, Me. Adv. Oct. 27 and Nov. 3.	Nov. 3
Nov. 30	Stadium—Chicago, Ill.	Oct. 20
Dec. 23	Oil Tanks and Boilers—New Orleans, La. Adv. Nov. 3.	Nov. 3

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Mass., Montague—Plans extending mains; cost between $75,000 and $100,000. H. D. Bardwell, clk.

N. C., Greensboro—Plans 15 mi. c.i. mains, 4 concrete filters and dam on Reedy Fork River. $300,000. P. C. Painter, Greensboro, engr.

O., Cleveland—Making plans filtration plant, pumping station and reservoir. $10,000,000. A. V. Ruggles, City Hall, engr.

O., Martins Ferry — Retained J. N. Chester, engr., Union Bank Bldg., Pittsmrugh, to make investigation and report for improving water supply and electric light systems.

Kan., Neodesha—Voted $150,000 bonds to improve waterworks and electrical plant. Black & Veatch, Mutual Bldg. Kansas City, Mo., engrs. Noted Sept. 22.

Kan., Oberlin—Making plans waterworks, reservoir, dams and pipe lines, disposal plant and complete system sanitary sewers; paving several streets. E. T. Archer & Co., 209 New England Bldg., Kansas City, Mo., engrs.

Minn., Braham—Plans well and tower. $20,000. W. N. Ostrom, city clk.

Tex., Ft. Worth—Making plans disposal plant. $750,000. D. L. Lewis, city engr. J. B. Hawley, Burton Bldg., Ft. Worth, and E. E. Sands, Houston, consult. engrs.

Tex., Wichita Falls—Wichita Falls Irrigation Dist. plans system to supply city and irrigate 100,000 acres, includes reservoir, 150,000 acre-ft. $2,450,000. R. A. Thompson, ch. engr. Irrigation Project. See item under Dams.

Okla., Purcell—Making plans waterworks and electrical improvements. Benham & Mullergren, Firestone Bldg., Kansas City, Mo., engrs.

Ont., Westboro—City of Ottawa plans 8 mi. c.i. mains, mostly 6 in. $165,000. A. F. Macallum, City Hall, Ottawa, engr.

BIDS DESIRED.

N. Y., Brooklyn—Nov. 12, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains and appurtenances in Surf Ave., Kings Highway, 75th and 78th Sts., here.

N. Y., Greenburgh—Nov. 9, by Scarsdale Bd. Water Comrs., Village Hall, Popham and Post Rds., Scarsdale, steel standpipe, here; G. W. Field, clk.; adv. this issue.

Pa., Girardville—Nov. 9, high pressure fire system, 2 mi. 6, 8 or 10 in. mains. F. H. Shaw, engr.; adv. this issue.

Waterworks (Continued)

Mich., Detroit—Nov. 21, by Bd. Fire Comrs., Wayne and Larned Sts., mechanical and electrical equipment for high pressure pumping station on Randolph St., 3 electrically driven centrifugal pumps, transformers, motor generators, oil circuit breakers, bus and cell structure, control switchboards, control grids signal system, etc. Smith, Hinchman & Grylls, 710 Washington Arcade, engrs.

Minn., Cloquet—Nov. 7, mains, pump and motor, power line and pumping station. $25,000. J. Wilson, 1st Natl. Bank Bldg., Duluth, engrs. Noted Sept. 8.

Kan., Anthony—Nov. 10, by city, one 150 hp. water tube boiler, one 300 kw. steam engine generating unit, one jet condenser and one 100 ft. chimney. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Kan., Parsons—Nov. 8, by City Clerk, removing present c.i. force line and constructing new supply line from Neodesha River, laying concrete and c.i. pipe, hydrants, etc. Burns & McDonald, 400 Interstate Bldg., Kansas City, Mo., engrs.

Que., Verdun—Receiving bids for 2 electric pumps, 5,000,000 gal. capacity each. A. E. Gyshens, City Hall, engr.

CONTRACTS AWARDED

Mass., West Springfield (Springfield P. O.)—For 7,600 ft. c.i. mains, to A. Cefalo Co., Bellevue Ave., Rosindale.

Pa., Harrisburg—For filters, etc., Contr. A, to Whiting Turner Constr. Co., 403 Stewart Bldg., Baltimore, Md., $375,588; 2,000 lin.ft. 36 in. c.i. pipe, etc., Contr. C, to Meadow & McCarthy, 2425 State St., $40,160; grandstand, etc., Contr. D, to J. H. Wickersham, Brennan Bldg., Lancaster, $10,945. Noted Oct. 27.

Mich., Detroit—For 700 ft. c.i. drains and connections from filtration plant to Jefferson Ave., to Gass-Thurston Co., 13851 Can Dyke Ave., $32,600.

Wis., Cedarburg—For hydrants and valves, to J. B. Clow & Sons, 544 South Franklin St., Chicago, $3,916 c.i. pipe, to Amer. Cast Iron Pipe Co., 712 Plymouth Bldg., Minneapolis, Minn., $29,667; wood stave pipe, to Amer. Wood Pipe Co., $1,408; tank and tower to Pittsburg-Des Moines Steel Co., 38 South Dearborn St., Chicago, $5,000; drilling well, to W. L. Thorne, Platteville, $9,560. Noted Sept. 8.

Wis., West Allis—For 5,200 ft. 24 in. c. i. mains, etc., in National Ave from Arnould to 47th Aves. and 47th Ave. from National to Lapham Aves., from Mid-West Constr. Co., 209 Grand Ave., Milwaukee, $10.25 for mains, $80 each for manholes, Mankato Constr. Co., Mankato, Minn., $10.43, H. Hohensee, Ludington Ave., Wauwatosa, $12,79; meter pit, from W. H. Halsey & Sons, 172 Mason St., Milwaukee, $8,460, Mankato Constr. Co., Mankato, Minn., $8,500, Wenzel & Henock, 498 27th St., Milwaukee, $12,978. Noted Oct. 13.

Wis., Milwaukee—For 3 pumps for Riverside Pumping Sta., to Allis Chalmers Mfg. Co., West Allis, $641,500. Noted Sept. 29.

Wash., Seattle—Mains in Westlake Ave., N., to S. A. Moceri, Thompson Bldg., $24,-605. Noted Oct. 27.

Que., Montreal—For three 30,000,000 gal. pumps to Dominion Eng. Wks. Ltd., Lachine, $76,500. Noted Oct. 6.

Sewers

PROPOSED WORK

Minn., Westbrook—Making plans sanitary sewerage system. $30,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, Ia., engrs.

Kan., Oberlin—See "Waterworks."

Kan., Salina—Making plans laying 10-20 in. vitr. tile sewers. $26,000. W. Theisner, Salina, engr.

Wash., Spokane—Takes bids about Dec. 1, for sewers, $387,000. A. D. Butler, city engr

Wash., Yakima—Plans to complete sewerage system. $80,000. C. F. Wilson, city engr.

Ont., London—Having plans prepared for sewage disposal plant. $300,000. Prices wanted on all materials and equipment. H. A. Brazier, city engr.

Ont., Westboro—City of Ottawa plans 10 mi. sanitary sewerage system, 8 in. up, $32,-700. A. F. Macallum, City Hall, Ottawa, engr.

BIDS DESIRED

N. C., Charlotte—Nov. 12, by Bd. Comrs., 70,000 ft. 5-8 in. sewers. J. Firth, City engr.; adv. this issue.

O., Warren—Nov. 17 by Director Pub. Serv. 2.3 mi. South Pine St. and River Ave. Outlet, rein-con., vitr. and segmental block, 36 in. and smaller sizes. $100,000. W. S. Harvey, Warren, engr.

Ind., Petersburg—Nov. 15, 10.5 mi. vitr. clay sanitary sewers and disposal works. E. E. Watts, Farmers Natl. Bank Bldg., Princeton, consult. engr.; adv. this issue.

Wis., Stevens Point—W. L. Bronson, city clk., taking bids sewer cleaning machine.

Minn., Rochester — Nov. 7, sanitary sewers, (a) 9,589 lin.ft. 6-12 in. pipe, 300 cu.yd. rock excav., pump house equipment, 450 ft. 10 in. overflow line, etc.; (b) 111,-647 ft. 15-24 in. pipe, 600 cu.yd. loose excav., 300 cu.yd. solid rock excav. and 2 double line inverted siphons. $75,000. C. H. Armstrong, city engr. Noted Sept. 1.

Kan., Emporia—Nov. 8, by City Clerk, Imhoff tank, contact and sludging beds, automatic dosing equipment, sewer work, 2,300 cu.yd. excav., 57 cu.yd. rein.-con., 135 cu.yd. plain concrete in tank and sludging bed, 6,000 ft. 8, 10 and 12 in. pipe, etc. A. Smith, city engr.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., opened bids Oct. 26, sewer in 13th Ave., etc., from F. L. Paino, Woodhaven, $4,003, Peace Bros. Inc., 20 Main St., Flushing, $4,608, Green Contg. Co. 734 Vernon Ave., Astoria, $4,757; Waldron St., etc., from Seaside Contg. Co., 193 Beach 108th St., Rockaway Beach (a) $66,517, (b) $62,079, F. Spinella, 6102 18th Ave., Brooklyn, (b) $62,502, J. F. Clancy, 460 Lockwood St., Astoria, (b) $66,794. Noted Oct. 20.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Municipal Bldg., opened bids Oct. 26, sewer in La Salle and Crosby Aves. from Anita Constr. Co., 2975 Marion Ave., (a) $66,972, (b) $78,240; J. Sigretto, Woodhaven, (a) $67,611, (b) $67,711; Rico & Ganey, (a) $70,043; J. J. B. La Marsh, Inc., 1510 Appleton Ave., (b) $64,414; Litchfield Constr. Co., 280 Madison Ave., (b) $67,475. Noted Oct. 20.

N. J., North Arlington—Passaic Valley Sewerage Comrs., 128 Market St., Newark, part of Sect. 26, North Arlington River Crossing, from F. S. Wardwell Co., South Ext., Stamford, Conn., $35,225; Merritt & Chapman Derrick & Wrecking Co., 17 Battery Pl., New York, $37,900; Bay State Dredging & Contg. Co., East Boston, Mass., $55,110. Noted Oct. 6.

Mich., Detroit—For (1) Bates St. Sewer, Sect. 6, (2) Six Mile Rd. Sewer, Sect. 8, (3) Livernois Sewer, Bourke Ave. Arm, (4) Livernois Sewer, Puritan Ave. Arm, (5) Stimpson Ave. Sewer, (6) East Wyoming Sewer, Grand River Ave. Arm, (7) Lateral 3521, (8) Lateral 3522, (9) Lateral 3538 (10) Lateral 3545, from Jaynes & Affeld, 1208 Ford Bldg., (1) $107,772, (2) $107,991; J. A. Mercier, 216 Hammond Bldg., (1) $117,514, (2) $105,596, (6) $32,165; R. A. Mercier, 6 Campau Bldg., (1) $130,622, (3) $27,143, (4) $23,070, (5) $31,618; R. H. Hidey Co., 400 Penobscot Bldg., (2) $96,991; G. R. Cooke, 1260 Penobscot Bldg., (3) $28,-418; Langley & Barton, 1604 Pennsylvania Ave., (3) $20,983; C. M. Davis, 400 Penobscot Bldg., (4) $22,817. (6) $36,235; C. R. Lennane, 809 Union Trust Bldg., (4) $20,-960; (10) $7,000; R. D. Baker, 1631 Elmhurst Ave., (5) $32,959; W. Porath, 1410 West Grand Blvd., (5) $29,697; J. Connelly, 610 Lincoln Bldg., (6) $37,397; Western Constr. Co., 1208 Ford Bldg., (7) $23,492, (8) $13,990, (9) $17,361; Oakwood Constr. Co., 165 Ford Blvd., (7) $22,998, (9) $15,-988; Boston & Errington Co., 108 Buhl Blk., (7) $20,287, (8) $11,900, (9) $12,496; Liberty Constr. Co., 917 Detroit Savings Bank Bldg., (8) $13,890; S. Gustin & Co., McLean Ave., (10) $7,250; A. Rossi, 3447 St. Aubin Ave., (10) $7,593. Noted Oct. 27.

CONTRACTS AWARDED

N. Y., S. I., St. George—C. D. Van Name, pres Richmond Boro, temporary sanitary sewer in Clove Ave. from Staten Island Ry. to point about 6 ft. north of Fingerboard Rd., etc., to Gross Contg. Co., 233 Bway., New York, $40,785. Noted Oct. 20.

O., Cleveland—Sewer in Waterson Ave., to W. MacDowell & Son, 10319 Miles Ave., $17,435; Dodge Court and East 111th St., to C. Hadded, c/o Sewer Contr. Exch., $7,293; Lardett Ave., to Yahya Bros., Independence Rd., $4,716. Noted Oct. 20.

Wis., Cedarburg—Sewers and disposal plant, to Brogan & Schaefer, Green Bay, $91,139.

Wis., Madison—For 12 new sludge beds at disposal plant 80 lin.ft. reinforcing and 4,775 cu.yd. drain tile, to J. F. Icke, Washington Bldg., $23,950.

Wis., Milwaukee—For 1,526 ft. iron and vitr. sewers in Lincoln, Hayes, Western, Forest Home and 27th Aves., to Wenzel & Henock, 498 27th St., $2.69 per ft. and $1.49 per ft. for subdrains.

Ia., Burlington—For 1218 in. glazed tile sewers in Osborne St., to M. W. Daly, 1617 North Central Ave., $2.605 per lin.ft., total $35,000. Noted Oct. 13.

Bridges

PROPOSED WORK

N. Y., Buffalo—Plans 1,200 ft. steel and concrete bridge (with either swing or lift span in center for navigation), over Niagara River between Ferry St. here and Ft. Erie, Ont., Canada. $3,000,000. J. W. Van Allen, Ellicott Sq., comr.

Wis., Prescott—Prescott Bridge Co. having plans prepared and soon takes bids 600 ft. concrete and steel bridge over St. Croix River. $125,000. H. Fiedler, pres. Toltz, King & Day, Pionner Bldg., St. Paul, Minn., engrs.

Minn., Minneapolis—Plans 800 ft. concrete bridge, over Mississippi River, 14th Ave., S. $1,000,000. F. W. Cappelin, city engr.

Wash., Aberdeen—Having plans for steel bridge across Wishkah River. $100,000. J. Allen, Olympia, state highway engr.

Tex.—Belton-Bell Co., making plans rein.-con. bridges and culverts on Highway 2C, between here and Williamson Co. line, $68,-276; 6,000 cu.yd. grading approaches, reconstructing bridges and culverts on Highway 2C, 745 cu.yd. rein.-con., 60,000 lb. reinforcing steel, etc., $48,483. All above to replace structures recently destroyed by flood. S. J. Treadway, Temple, co. engr.

BIDS DESIRED

N. Y., New York—Nov. 10, by H. H. Curran, pres. Manhattan Boro, Municipal Bldg., steel viaduct with appurtenances in West 134th St., 12th Ave. to 200 ft. easterly.

North Carolina—Nov. 18, by State Hy. Comn., Raleigh, bridges and culverts on State Project 511, Old Project 561, Caswell Co., 976 cu.yd. concrete, 114,250 lb. reinforcing, 1,710 ft. untreated timber piles, etc., $35,000; on State Project 525, Davidson Co., 1,116 cu.yd. concrete, 185,380 lb. reinforcing, 4,245 ft. untreated timber piles, etc., $45,-000. C. M. Upham, state highway engr.

Illinois—Nov. 15, Dept. Pub. Wks. and Buildings, Div. Highways, Springfield, 5 bridges, on Sects. 1-B, 1-C and 1-D, Route 37, Jefferson Co., 2,022 cu.yd. concrete, 106,-130 lb. steel, C. Older, ch. highway engr.

Ohio—Nov. 19, by Dept. Highways and Pub. Wks., Columbus, bridges in following counties:

Adams Co., Sect. "D" West Union-Sinking Springs Rd., $61,801; Licking Co., Sect. "G" Newark-Mt. Vernon Rd., concrete, $10,400; Sect. "G" Newark-Mt. Vernon Rd., $26,357; Sect. "G" Newark-Mt. Vernon Rd., repairs to bridge, $4,556. L. C. Herrick, dir. highways.

O., Shadesville—Nov. 29, by Comrs. Franklin Co. (Columbus) 890 ft. concrete bridge, to have 9 arches, 24 ft., over Scioto River, here. $319,000. C. C. Lattimer, Columbus, co. engr. Noted Oct. 20.

Wis., Sheboygan—Nov. 21, bascule bridge over Sheboygan River on 8th St.; adv. this issue. Noted Aug. 25.

Mo., St. Joseph—Nov. 8, by Buchanan Co., 125 ft. rein.-con. bridge, 36 ft., Mitchell Ave. $26,187. J. D. Mohler, Court House, engr.

BIDS RECEIVED

North Carolina—State Hy. Comn., Raleigh, rein.-con. bridges and culverts and steel bridges on State Project 513, Nash Co., from Roanoke Iron & Bridge Wks., Roanoke, Va., $40,149, J. A. Kreis, Holston Bank Bldg., Knoxville, Tenn., $40,805,000. J. E. Lane & Co., Altavista, Va., $41,720. Noted Oct 13.

Florida—State Rd. Dept., Tallahassee, rein.-con. bridges and culverts on (1) Propect 11, Rd. 1, in Duval, Nassau and Baker Counties, (2) Projects 21, 22 and 24, State Rd. 1, Columbia and Baker Counties, (3) Project 23, State Rd. 1, between Baldwin and Jacksonville, Duval Co., (4) on State Rd. 2, Project 33, from Burnetts Lake to Gainesville, Alachua Co., (5) on State Rd. 4, Project 32, from Duval Co. line north through Callahan, Nassau Co., (6) on State Rd. 2, Project 26, from Lake City north to Suwannee River, Columbia Co., to Clayton-Mitchell, Thomasville, Ga., (1) $23,463, (2) $13,618, (3) $23,225, (5)

Bridges (Continued)
$35,487. (6) $11,836; Luten Bridge Co., West Market St., (4) $26,534. Noted Sept. 29 and Oct. 13.

CONTRACTS AWARDED

Pa., Pittsburgh—For steel bridge over Pennsylvania R.R. tracks, on Island Ave., to Ft. Pitt Bridge Wks., House Bldg., $25,695.

Ala., Tuscaloosa—W. S. Keller, state highway engr., Montgomery, superstructure steel bridge over Warrior River between here and Northport, to Virginia Bridge & Iron Co., Roanoke, Va., $131,550; 5 concrete piers for above, to J. A. Peterson, Bell Bldg., Montgomery, $47,229. Noted Oct. 27.

North Carolina—State Hy. Dept., at div. office Asheville, rein.-con. bridges and culverts on State Project 557, Madison and Yancey Counties, to O'Brien Constr. Co., Balsam, $64,447. Noted Oct. 6.

North Carolina—State Hy. Comn., at div. office Wilmington, rein.-con. bridges and culverts on State Project 517, Columbus Co., to Cornell, Young & Co., 4th Natl. Bank Bldg., Macon, Ga., $54,317; State Project 622, Robeson and Columbus Counties, to L. A. Chitwood, 1109 Price St., Columbia, S. C., $53,500; State Project 623, Bladen Co., to Powell Paving & Constr. Co., Palmetto Bank Bldg., Columbia, S. C., $28,670; State Project 541, Pender Co., to Cornell, Young & Co., 4th Natl. Bank Bldg., Macon, Ga., $41,430; structural and rein.-con. bridges, rein.-con. culverts on State Project 596, Cumberland and Sampson Counties, to Roanoke Bridge & Iron Co., Roanoke, Va., $23,930. Noted Oct. 27.

Ia., Council Bluffs—Pottawattamie Co. 51 box culverts and extensions, 38 circular and 1 c.i. pipe culvert, 4 pony trusses and 4 I beams, to Wickham Bridge & Pipe Co., 302 Commercial Natl Bank Bldg., $143,075.

Minn., Kellogg—Bridge 3618, steel spans concrete flooring 20 ft. roadway on rein.-con. foundation, over Zumbro River, near here, to Minneapolis Bridge Co., 1035 Metropolitan Life Bldg., Minneapolis, $48,840. Noted Oct. 20.

Dams

PROPOSED WORK

N. C., Greensboro—See "Waterworks."

Kan., Oberlin—See "Waterworks."

Tex., Wichita Falls—Wichita Falls Irrigation Dist. plans 2 dams for water supply and irrigation project, main one 50 mi. north of here across Wichita River, $1,300,000; other diversion dam 25 mi. north of here, $750,000. R. A. Thompson, ch. engr. and genl. mgr. Irrigation Project. See item under Waterworks.

Utah, Price—Price River Irrigation Dist., c/o C. R. Marcusen, to vote on $100,000 bonds for rein.-con. dam. W. W. Jones, Price, engr. McGonagle & Ullrich, Deseret Bank Bldg., Salt Lake City, consult. engrs. Noted May 12 under Excavation & Dredging.

Railways

PROPOSED WORK

Ontario—Temiskaming & Northern Ontario Ry., North Bay, had surveys made for extension from Cochrane to Newport. $3,500,000. S. B. Clement, North Bay, ch. engr.

Excavation and Dredging

BIDS DESIRED.

Pa., Phila.—Nov. 10, by G. F. Sproule, dir., Dept. Wharves, Docks and Ferries, 550 Bourse Bldg, dock dredging at Piers 82 and 84, South Delaware River, Schedule C, also dredging Schuylkill River, Schedule D; adv. this issue.

Wis., Portage—Nov. 8, by Columbia Co. Farm Drainage Bd., at office H. V. Tennant, engr., Portage, Drain 16, 10,000 ft. 8-12 in. tile.

Minn., Fairmont—Nov. 7, by Martin Co. Judicial Ditch 18, 13,650 ft. 10-22 in. tile, etc., $16,696; Judicial Ditch 25, 14,400 ft. 12-30 in. tile, etc., $24,422; Judicial Ditch 82, 64,150 ft. 6-34 in. tile, 19,925 cu.yd. excav., etc., $49,656; Judicial Ditch 101, 37,868 ft. 6-26 in. tile, $33,992. H. C. Nolte, Co. aud.

BIDS RECEIVED

N. Y., Tompkinsville—M. Hulbert, com. Docks, Pier "A" foot of Battery Pl., New York, opened bids Oct. 27, dredging (1) 142,000 cu.yd. at Piers 6 to 11, between Arrietta St. here, and Congress St., Stapleton, Contr. 1723, (2) 65,000 cu.yd. at Piers 6 to 11 between Arrietta St. here, and Congress St., Stapleton, Contr. 1724, (3) 19,000 cu. yd. at Piers 12 and 13 between Congress and Water Sts., Stapleton, Contr. 1725, (4) 201,000 cu.yd. at Piers 15 to 18 between Canal St., Stapleton and Simonson Ave., Clifton, Contr. 1726, (5) 78,000 cu.yd. at Piers 15 to 18 Canal St., Stapleton and Simonson Ave., Clifton, Contr. 1727, from G. H. Breyman & Bros., 17 Battery Pl., New York, (1) $39,050, (2) $16,250, (3) $5,700, (4) $55,275, (5) $19,500; New Jersey Shipbuilding & Dredging Co., 50 Broad St., New York, (1) $50,982, (2) $15,519, (3) $8,208, (4) $67,586, (5) $14,625; Great Lakes Dredge & Dock Co., 17 Battery Pl., New York, (1) 64,610 (3) $9,880, (4) $91,455; Morris & Cummings Dredging Co., 17 State St., New York, (1) $82,928, (2) $19,500, (3) $8,303; Columbia Dredging Corp., 30 Church St., New York, (2) $11,700, (5) $14,040; H. Du Bois Sons Co., 17 State St., New York, (2) $15,600, (5) $18,720. Noted Oct. 20.

Minn, Warren—Marshall Co. opened bids Oct. 25, Judicial Ditch 30, 298,965 cu.yd. excav., from Union Drainage Co., Crookston, $0.11 per cu.yd.; D. A. Foley & Co., Aitkin, $0.1155; Strom, Vogeness & House, Cary, $0.1175. Noted Oct. 13.

Wash, Olympia—Thurston Co. draining 2,000 acres overflow land, from Pacific Coast Paving Co., Perkins Bldg., Tacoma, cash $44,050, bonds $50,250; Parker & Schramm, Portland, cash $60,000, bonds $67,428.

CONTRACTS AWARDED

Florida—State Rd. Dept. Tallahassee, excavating canal along proposed fill of Choctawhatchee River Bridge Approach to W. A. Donahoe, Perry, $32,000. Noted Oct. 20.

Wis., Beaver Dam—H. E. Krueger Seed Farm, 35,000 ft. 6, 8 and 12 in. concrete and vitr. drain tile, to Reichenbach Drainage Co., Clyman, $27,500.

Kan., Holton—Straight Creek D. D. 2, c/o C. E. Chrader, secy., open ditch work to W. Spencer, Spring Branch Rd., Independence, Mo., $30,000. Noted Oct. 13.

Minn., Austin—Mower Co., Judicial Ditch 7, material to Natl. Sewer Pipe Co., Webster City, Ia., $12,305, labor to Isakson & Carr, Waseca, $7,398. Noted Oct. 20.

Tex., Beaumont—Jefferson Co. drainage ditches in D. D. 6, 1,000,000 cu.yd. excav., to Lake Arthur Dredging Co., Beaumont, $133,459.

Streets and Roads

PROPOSED WORK

Fla., Eustis—Plans paving 7 mi. various streets and drives, 14 to 20 ft., probably sand asphalt, $80,000. I Randolph & Co., Barnett Bldg., Jacksonville, engr.

Fla., Green Cove Springs—Voted $150,000 bonds for paving, laying sewers and repairing water and light plants.

Fla., Starke—Bradford Co. voted $550,000 bonds to pave 25 mi. highway from Alachua to Marion Counties, and 15 or 20 mi. lateral roads, probably asphalt. Engineer not named.

O., Bridgeport—Nov. 8 to vote on $175,000 bonds to pave National Rd., brick on concrete. R. Sykes, city engr.

O., Cleveland—Plans paving East 9th St. from Woodland to Lakeside Aves., East 14th St. from Euclid to Prospect Aves., East 17th St. from Euclid to Lakeside Aves., East 18th St. from Euclid to Superior Aves., East 18th St. from Euclid to Central Aves., East 19th St. from Euclid to Superior Aves., East 21st. from St. Clair to Payne Aves., East 22nd St. from Euclid to Central Aves., East 30th St. from St. Clair to Woodland Aves. R. Hoffman, City Hall, engr.

Ill., Beardstown—Making plans paving various streets, vitr. brick and asphalt on concrete. $138,000. Goodell & Millard, Beardstown, engrs.

Wis., Viroqua—Plans 1.2 mi. concrete paving, curbing and guttering Rock Ave., Decker St. and West Bway., 20-22 ft. $35,000. Engineer not selected.

Ia., Davenport—Bd. Supervs. Scott Co., opens bids about Nov. 9, grading and paving 3.5 mi. Davenport-Jambril Rd. from end of present paving to county line at Wapsipinicon River. $140,000. J. M. Malloy, Co. engr. Noted April 28.

Ia., Missouri Valley—Plans paving 60 blocks various streets and 20 blocks alleys. $150,000. H. S. Faith, clk. Engineer not announced.

Minn., Fergus Falls—Otter Tail Co. plans new roads in 1922. $207,400. A. L. Flygare, Fergus Falls, engr.

Kan., Downs—Making revised plans and takes bids after first of year paving 32 blocks. Benham & Mullergren, Firestone Bldg., Kansas City., Mo., engrs. Noted Sept. 1.

Kan., Oberlin—See "Waterworks."

S. D., Watertown—Coddington Co. plans gravel surfacing 22 mi. road from here to Henry. $45,000. F. Bannister, and State Hy. Dept., Pierre, engrs.

Missouri—State Hy. Dept., Jefferson City, plans 7.733 mi. road from Rogersville eastward, State Aid Project 20,112, Webster Co., 31,542 cu.yd. earth excava. and 264.3 cu.yd. concrete masonry, etc., $25,994; 7.247 mi. road from Mexico eastward and westward, State Aid Project 20,95, Audrain Co., 22,224 cu.yd. earth excav., 9,154 cu.yd. borrow, 302.8 cu.yd. concrete masonry, etc., $33,595; 2.14 mi. road west of Warrenton, State Aid Project 20.68, Warren Co., 13,553 cu.yd. earth excav., 9,020 cu.yd. borrow, 61 cu.yd. concrete masonry, etc., $25,757. A Graham, state highway engr.

Mo., Osceola—St. Clair Co. making plans grading and surfacing roads, macadam. $30,000. L. L. Griggs, Osceola, engr.

Tex., Karnes City—Karnes Co. making plans grading, gravel surfacing and bituminous topping State Highway 9, Kenedy Rd. Dist. 4. Cost between $250,000 and $300,000. O. N. Powell, Co. engr.

Utah—State Rd. Comn., Salt Lake City, opens bids about Dec. 1, concrete surfacing 11 mi. road between Price and Castle Gate, concrete or bituminous. Carbon Co. $400,000. H. C. Means, state highway engr.

Utah—State Rd. Comn., Salt Lake City, opens bids about Dec. 10, surfacing 15.5 mi. road, concrete or bituminous. Juab Co. $525,000. H. C. Means, state highway engr.

Utah—State Rd. Comn., Salt Lake City, opens bids about Feb. 1, gravel surfacing 30.5 mi. road between Levan and Millard Co. line, Juab Co. $350,000; concrete or bituminous concrete surfacing 6.67 mi. Smithfield Cross Roads, Cache Co., $210,000; concrete surfacing 1.35 mi. road through Springville, Utah Co. $50,000. H. C. Means, state highway engr.

Cal., San Francisco—Made plans 15,980 lin ft. concrete curbing and 300,540 sq.ft. asphaltic concrete paving, on Mission Terrace. M. M. O'Shaughnessy, city engr.

Cal., Stockton—San Joaquin Co. making plans improving 4.7 mi. French Camp Rd. from Brennan Corner to Stanislaus Co. line. $54,500. F. E. Quail, co. engr.

Ont., Ottawa—Soon takes bids paving, curbing and guttering Armstrong St. from Parkdale to Garland Sts., 6,000 sq.yd. asphalt on concrete. $30,000.

Ont, St. Thomas—Plans to pave Mary, Hiawatha and Mitchell Aves., asphalt, concrete, $50,000. Prices wanted on materials. W. N. Miller, City Hall, engr.

Ont., Toronto—York Twp. plans paving Pinewood Ave., Graham and Kilbarry Rds., bituminous macadam. $14,156. Sidewalks on Northcliffe Blvd., High St., Park and Runnymede Rds., Bicknell, Castleton, Coleridge, Lavina, Norval, Royal and Vimy Ridge Aves., 80,000 sq.ft. concrete. $23,451. F. Barber, 40 Jarvis St., engr.

BIDS DESIRED

N. Y., Brooklyn—Nov. 10, by E. Reigelmann, boro pres., Boro Hall, repaving roadway of Union St. from Hoyt St. to Gowanus Canal, grade 1 grade pavement.

N. Y., Long Island City—Nov. 7, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading Van Pelt St. from Queens Blvd. to Skillman St.; repaving Lawrence St. from Bway. to Flushing Creek, Rockaway Blvd. from 90th Ave. to Elderts Lane, sheet asphalt.

Pennsylvania—Nov. 22, by State Hy. Dept., Harrisburg, reconstructing roads in Indiana, Clearfield, Bradford and McKean Counties, L. S. Sadler, comr.; adv. this issue.

Pa., Phila.—Nov. 7, by F. H. Caven, dir. Pub. Wks., grading Chelwynde Ave., $10,000, 20th St., 67th and 68th Aves., $25,000; paving Asndale St., $15,000, Weymouth St., $12,000, 2nd St., $18,000; paving, grading and repaving York Rd., $35,000; 26,724 cu.yd. excav., 1,118 sq.yd. vitr. brick, 7,660 sq.yd. asphalt, 340 sq.yd. granite block, 2,672 sq.yd. concrete base, furnishing and applying 40,000 gal. Class A bituminous material, furnishing and delivering 6,500 ton crushed stone. F. C. Dunlap, City Hall, engr.

North Carolina—Nov. 18, by State Hy. Comn., Raleigh, clearing, grading and topsoiling 14.85 mi. State Project 511, Old Federal Aid Project 561, Caswell Co., 30 acres clearing, 68,900 cu.yd. excav., 3,000 cu.yd. rock excav., 39,000 cu.yd. topsoiling and 12,700 sta.yd. overhaul, etc., $46,000; clearing, grading and paving 10.24 mi.

Streets and Roads (Continued)

State Project 525, Davidson Co., 5 acres clearing 53,600 cu.yd. excav. and borrow, 6,480 cu.yd. rock excav., 2,258 ft. 15-24 in. concrete or corrugated metal pipe, 101,670 sq.yd. concrete or asphaltic paving, etc., $340,000; grading and paving 11.7 mi. State Project 532, Guilford Co., 37,600 cu.yd. excav., 3,200 cu.yd. rock excav., 1,255 ft. 15-24 in. concrete or corrugated metal pipe, 123,065 sq.yd. concrete or asphaltic paving, 610 cu.yd. concrete, 71,620 lb. reinforcing, etc., $395,830; clearing, grading, topsoiling and bridging 10.89 mi. State Project 501, Old Project 555, Alamance Co., 9 acres clearing, 35,500 cu.yd. excav., 1,530 ft. 15-30 in. concrete or corrugated metal pipe, 28,750 cu.yd. topsoiling, 194 cu.yd. concrete, 20,540 lb. reinforcing, 570 ft. untreated timber piles, etc., $33,000; grading and paving 5.22 mi. State Project 504, Old Project 546, Alamance Co., 6,100 cu.yd. excav. and 54,730 sq.yd. concrete or asphaltic paving, $165,000. C. M. Upham, state highway engr

N. C., Charlotte—Nov. 12, by Bd. Comrs., 208,000 sq.yd. paving and 37,000 sq.yd. cement sidewalks. J. Firth, city engr.; adv. this issue.

Ala., Birmingham—Nov. 11, by Comrs. Jefferson Co., surfacing with 8 in. cinders, shale or chert, 11 mi. road from Mulga to Port of Birmingham, $20,000; 10 mi. Warrior-Robbins Rd., $16,000; 5 mi. road from Trussville to Acmar, $9,000; 5 mi. road from Oak Grove to Lock 17 Rd., $8,000. C. J. Rogers, co. engr.

Ohio—Nov 19, by Dept. Highways and Pub. Wks., Columbus, grading, bridges, culverts and paving roads in following counties:

Henry Co., Sect. "A" Toledo-Napoleon Rd., 3.35 mi., waterbound macadam, $46,864; Columbiana Co., Sect. L"C-1" Youngstown-East Liverpool rd., 1.59 mi., brick, $67,012; Sect. "A" Lisbonville-Salineville Rd., 0.971 mi., brick with macadam bern, $37,830; (if state furnishes brick) $22,810. L. C. Herrick, dir. highways.

O., Warren—Nov. 17, by Director Pub. Serv., regrading, recurbing and repaving 3,925 ft. Market St. from North Park Ave. to tracks of Baltimore & Ohio R. R., asphaltic concrete, bithulithic cement, tar macadam or asphaltic macadam, $140,000; grading, curbing and paving 5,450 ft. Youngstown Ave. from Pleasant Ave. to city limits, vitr. brick, wood block, sheet asphalt, asphaltic concrete, bithulithic cement, concrete, tar macadam or asphaltic macadam, $120,000. W. S. Harvey, Warren, engr.

Mich., Cassopolis—Nov. 8, by State Hy. Dept. at office Bd. Rd. Comrs. Cass Co. (Cassopolis), grading 6.398 mi. road in Cass and St. Joseph Counties. F. F. Rodgers, Lansing, state hy. comr.

Mich., West Branch—Nov. 15, by State Hy. Dept. at office Bd. Rd. Comrs. Ogemaw Co. (West Branch) grading and surfacing 19.28 mi. Federal Aid Project 53, Sects. A, B, C and D, 63,648 cu.yd. excav., 180,977 sq.yd. gravel, in Ogemaw and Arenac Counties. F. F. Rodgers Lansing, state highway comr.

Illinois—Nov. 15, Dept. Pub. Wks. and Buildings, Div. Highways, Springfield, paving 4.55 mi. Route 2, Sect. 24, Fayette Co., 4.82 mi. Route 2, Sect. 25, Fayette-Marion Co., 4.4 mi. Route 2, Sect. 26, Marion Co., 4.52 mi. Route 2, Sect. 27, Marion Co., 4.34 mi. Route 2, Sect. 28, Marion Co., 3.98 mi. Route 2, Sect. 30, Marion-Washington Co., 4.53 mi. Route 2, Sect. 31, Washington Co., 3.29 mi. Route 2, Sect. 32, Washington Co., 2.76 mi. Route 2, Sect. 33, Washington Co., 6.86 mi. Route 3, Sect. 68, Monroe Co., 4.64 mi. Route 5, Sect. 19, Stephenson Co., 2.53 mi. Route 5, Sect. 20, Stephenson Co., 4.64 mi. Route 5, Sect. 21, Stephenson Co., 5.45 mi. Route 5, Sect. 22, Stephenson ,Co. 5 mi. Route 5, Sect. 23 Jo Daviess-Stephenson Co., 5.96 mi. Route 7, Sect. 3, Henry Co., 5.2 mi. Route 7, Sect 6, Henry Co., 1.35 mi. Route 7, Sect 8 C. Bureau Co, 4.45 mi. Route 7, Sect. 9, Bureau Co., 5.5 mi. Route 7, Sect. 10, Bureau Co., 6.85 mi. Route 31, Sect. 1, Adams Co., 1.36 mi. Route 7, Sect. 11, Bureau Co., 7.54 mi. Route 31, Sect. 2, Adams Co, all foregoing 18 ft.; 3.47 mi. Route 2, Sect. 29, Marion Co., 18-20 ft.; alternate bids will be received on portland cement concrete, monolithic brick (4 in. brick), bituminous concrete with binder course (Specifications C1, C2, C3 or CT), bituminous concrete without binder course (Specifications C1, C2, C3 or CT); grading 5 mi. Route 3, Sect. 38-A, McDonough Co., 30 ft., 58,100 cu.yd. excav., 5.57 mi. Route 37, Sect. 1-A, Jefferson Co., 21-32 ft., 159,545 cu.yd. excav. C. Older, ch. highway engr.

Ill., East Moline—Nov. 14, paving various streets, monolithic-concrete, asphalt or vitr. brick. $175,000. L. E. Sneer, East Moline, engr. Noted Oct. 13.

Ill., Joliet—Nov. 8, by Will Co., paving roads, local limestone, 8 in. waterbound macadam. $29,000. W. H. Smith, Co. engr.

Ia., Davenport — Nov. 9, Bd. Supervs. Scott Co. paving 6.5 mi. Davenport-Harrison St.-New Liberty Rd. from intersection of Slopertown Rd. to Plain View, 69,017 sq.yd. concrete paving, 8,642 cu.yd. excav. $200,000. J. M. Malloy, Co. engr. Noted Oct. 27.

Ia., Leon—Nov. 16, Auditor Decatur Co., grading 9.929 mi. primary roads north, west and southwest of here, Federal Aid Project 122, 126, 356 cu.yd. excav., etc.

Kan., Salina—Dec. 7, by Comrs. Salina Co., paving 7.011 mi. Sect. C and D, Project 45, concrete, brick or bituminous macadam, 18 ft. L. C. Teeter, Salina, engr.

Wyoming — Nov. 8, State Hy. Comn., Cheyenne, grading and surfacing 2 mi. Laramie-Tiesiding Rd., and 3 mi. Lincoln Highway, placing 20,000 sq.yd. macadam on Lincoln Highway, Albany Co., surfacing 7,500 cu.yd. Cheyenne-Torrington Rd., Laramie Co.; 12,000 cu.yd. Casper-Sheridan Rd., Johnson Co.; 8,000 cu.yd. Lincoln Highway, Natrona Co. S. E. Sevison, highway engr.

Missouri—Nov. 10, by State Hy. Dept. at div. office Perryville, 1.403 mi. road from Perryville to Claryville, State Aid Project 20.114, Perry Co. $43,398. A. Graham, Jefferson City, state highway engr. Noted Oct. 27.

Missouri—Nov. 12, by State Hy. Dept., at div. office Columbia, 3.201 mi. road south of Ashland, State Aid Project 20,77, Boone Co., 30,615 cu.yd. earth excav., 157.3 cu.yd. concrete masonry $27,148. A. Graham, Jefferson City, state highway engr.

Tex., San Marcos—Nov. 12, by J. R. Wilhelm, judge Hays Co., grading and surfacing 13.92 mi. Highway 29 A, between here and Wimberly, 49.8 acres grubbing, 31,237 cu.yd. borrow, 8,671 cu.yd. loose and 4,289 cu.yd. solid rock excav., 647.71 cu.yd. concrete, 29,660 lb. reinforcing, 12,170 cu.yd. crushed rock (at quarry) 7,267 cu.yd. shale surfacing. $90,000. J. W. Puckett, co. engr.

Okla., Okmulgee—Nov. 15, by State Hy. Dept., Oklahoma City, paving 11.2 mi. road between here and Henryetta, 1 course concrete. $400,000. R. R. Tway, co. engr.

California—Nov. 14, by State Hy. Comn., Sacramento, paving 8.3 mi. highway between Batavia and north boundary, Solano Co., asphaltic concrete. A. B. Fletcher, state highway engr.

BIDS RECEIVED

Massachusetts—State Hy. Dept., Boston, opened bids Oct. 25, 6½ mi. concrete and macadam highway, 18 ft. Danvers and Topsfield, from T. J. McCue, Watertown, $273,524, Powers Bros., North Montello St., Brockton, $301,689, J. H. Fannon, Somerville, $315,297; 8,650 ft. gravel highway, Ashfield, from A. Palladino, Newton Highlands (Boston P. O.) $41,713, L. Carchia, 16 Foster St., Boston, 42,838, D. O'Connell & Sons, Holyoke, $47,035; 1,412 ft. (1) all concrete, (2) concrete base, macadam top, Boston, from T. J. McCue, Watertown, (1) $47,635, (2) $47,794, Holbrook Constr. Co., Dorchester, (1) $50,150, J. C. Coleman Sons Co., 1620 Tremont St., Boston, (1) $51,221 (2) $45,319; Rowe Contr. Co., 1215 Center Ct., Boston, (2) $49,178. Noted Oct. 13.

N. Y., Brooklyn—E. Riegelmann, boro pres., opened bids Oct. 26, resurfacing Atlantic Ave., from Cranfrod Co., 52 9th St., $74,035, Borough Asphalt Co., 1301 Metropolitan Ave., $84,761; grading, curbing, laying sidewalks on Bristol St., from Grimm Constr. Co., 170 McKinley St., $932; fencing lots on north side of McDonough St., etc., from F. L. Sweeney, 665 Jefferson Ave., $432, O. White, $440, C. L. Dooley Co., 257 Adelphi St., $463; grading portion of lot on Northeast corner of Winthrop St. and Nostrand Ave., from J. C. Dempsey, $108, Grimm Constr. Co., 170 McKinley St., $142; repaving Atlantic Ave., etc., from Sicilian Asphalt Paving Co., 41 Park Row, New York, $70,606, Borough Asphalt Co., 1301 Metropolitan Ave., $73,312. Uvalde Asphalt Paving Co., 1 Bway., New York, $78,735. Noted Oct. 20.

N. Y., Brooklyn—Park Bd. at office Dept. Parks, Municipal Bldg., New York, opened bids Oct. 27, improving Ocean Parkway, main road from Coney Island Creek bridge toward Coney Island, here, from Borough Asphalt Co., 1301 Metropolitan Ave., $97,516; Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., $105,530; Cranford Co., 52 9th St., $116,480. Noted Oct. 20.

North Carolina — State Hy. Comn., Raleigh, opened bids Oct. 20, (1a) grading and surfacing, penetration macadam, (1b) rein.-con. bridges and culverts on 5.67 mi. State Project 601, Halifax Co., (2a) grading and topsoiling, (2b) rein.-con. bridges and cudverts on 6.9 mi. State Project 558, Tyrrell Co., (3a) grading and topsoiling, (3b) rein.-con. bridges and culverts on 4.3 mi. State Project 564, Hyde Co., (4a) grading and topsoiling (4b) rein.-con. bridges and culverts on 9.83 mi. State Project 515, Nash Co., (5) grading and topsoiling 11.22 mi. State Project 513, Nash Co., from C. F. Leighton, Inc., Richmond, Va., (1a) $103,230, (1b) $10,536; A. C. House, Weldon, (1b) $10,167; P. R. Ashby, Tucker Bldg., Raleigh, (1a) $119,385; Porter & Peck, Greenville, (1a) $122,839, (1b) $11,290, (2a) $53,921, (2b) $10,571, (3a) $54,318, (3b) $14,640, (4b) $21,583; C. W. Lacy, Wilmington, (2a) $43,682, (3a) $50,255; M. M. Jones, Washington, (2b) $8,985; M. W. Cooper, Kinston, (2a) $50,471, (3b) $14,470; Southern Dray Co., Asheville, (2b) $9,967, (3b) $15,377, (4b) $20,811; N. L. Teer, Roxboro, (3a) $54,863; Chandler & Ragland, Virgilina, Va., (4a) $25,726; Gibson Constr. Co., Knoxville, Tenn., (4a) $27,098, (4b) $21,673, (5) $33,094; Battershell & Goode, Richmond, Va., (4a) $27,859; J. A. Kreis, Holston Bank Bldg., Knoxville, Tenn., (5) $32,281; White & Simpson, Chatham, Va., (5) $34,999. Noted Oct. 6.

Alabama—State Highway Dept, Montgomery, grading and gravel surfacing 5.36 mi. Selma-Mobile Rd., Dixons Creek to Kimbrough, Wilcox Co., from Finnell Co., Tuscaloosa, $52,093; P. A. Goldsmith, Montgomery, $55,175; D. R. Cook & Co., Selma, $56,603. Noted Oct. 6.

Tex., Port Lavaca—Calhoun Co. grading and mud shell surfacing 11.37 mi. State Highway 7, from Miller Constr. Co., Port Lavaca, $93,954; Smith & James, Houston, $99,122; W. T. Hutto & Son, Gonzales, $109,000. Former bids rejected. Noted Oct. 20.

Cal., Los Angeles—Bd. Supervs. Los Angeles Co., paving, curbing and guttering 5,118 ft. Firey Ave. from Covina to Foothill Blvds., from E. L. Garretson, 1346 Fairfax Ave., $56,000; Fleming Constr. Co., 105 North Park St., Pomona, $56,500; H. M. Hanawalt, La Verne, $62,500. Noted Oct. 13.

CONTRACTS AWARDED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading and otherwise improving Jamaica Bay Blvd. from point 1,436 ft. south of center line of Sheridan Ave. to southerly U. S. bulkhead line of Jamaica Bay, etc., to Smith, Hauser & MacIsaacs, Inc., 18 East 41st St., New York, $2,870,000. Noted Oct. 27.

Pa., Pittsburgh—For grading, paving and improving Brownsville Ave., to Booth & Flinn Ltd., Forbes St., $152,636.

North Carolina—State Hy. Comn., at div. office, Wilmington, clearing and grading 7.64 mi. State Project 541, Pender Co., to C. G. Kershaw Constr. Co., Woodward Bldg, Birmingham, Ala, $30,507; clearing, grading and topsoiling 11.22 mi. State Project 517, Columbus Co., to J. A. Kreis, Holston Bldg., Knoxville, Tenn., $39,650, 13.17 mi. State Project 623, Bladen Co., to J. F. Mulligan Co., North Wilkesboro, $45,901; grading and concrete paving 3.35 mi. State Project 621, Robeson Co. to C. W. Lacy, Wilmington, $100,980, bridges and culvert on above, to Roanoke Bridge & Iron Wks., Roanoke, Va., $18,510; clearing, grading, topsoil, constructing rein.-con. bridges and culverts on 15.56 mi. State Project 518, Pender Co., to A. W. McClay, 2400 Grove Ave., Richmond, Va., $64,431. Noted Oct 27.

S. C., Columbia—Richland Co. paving 16 mi. Koon Rd., to Caughman Contg. Co., Columbia, concrete $428,980; asphalt $456,693 Have not decided which will be used.

Florida—State Rd. Dept., Tallahassee, paving 10 mi. State Rd. 1, Project 24, between Lake City and Baker Co. line, Columbia Co., 3 in. slag penetration macadam on 8 in. compacted base, to J. Y. Wilson, Clark Bldg., Jacksonville, cash $255,034, bonds $274,179. Noted Oct. 27.

Alabama—State Hy. Comn., Montgomery, grading and gravel surfacing 14.675 mi. road from Tuscumbia to Lawrence Co. line, Colbert Co., to J. Gwin, Jefferson Co. Bank Bldg., Birmingham, $132,719. Noted Oct. 27.

Kentucky—State Hy. Comn., Frankfort, shaping and surfacng, rock asphalt, 1.4 mi. main street through town of Stearns, McCreary Co., to Connelly Constr. Co., Somerset, $53,315. Noted Oct. 13.

Streets and Roads (Continued)

O., Cleveland—Paving Imperial Ave., to Fischer & Williams, 16010 Lorain Rd., West Park, $40,144; Elizabeth Ave. from East 93rd St. to Prince Ave., 4,140 lin.ft. stone curb and gutter, 2,300 cu.yd. earth excav and 54,200 sq.ft. vitr. brick on concrete, to Reiley Bros., The Arcade, $31,639. Noted Oct. 20.

O., Cleveland—To Rieley Bros., The Arcade, paving Dunlap Ave., $26,049, Dodge Court, $8,194; East 108th St., $18,159; East 136th St., $8,858; Stoughton Ave., $20,279; to Garland Bros., c/o Pavers Exch., East 69th St, $9,175; Rugby Rd., $6,095. Noted Oct. 27.

Mich., Ionia—State Hy. Dept., Lansing, gravel surfacing 9 mi. Assessment Dist. Rd. 352, Sect. 1-C to H. A. Brog, Middleville. $20,591. Sect 2, to E. Good, Dutton. $39,485. Noted on Oct. 6

Ill., Chicago—Bd. Local Impvts., 207 City Hall, paving and recoating North and South State St. from Jackson to Lake St., to R. F. Conway Co., 133 West Washington St. $119,500. Noted Oct. 20.

Ia., Adel—Auditor Dallas Co. grading 10.846 mi. Primary Rd. Project 195, east and west of Dallas Center, 69,955 cu.yd. excav., to W. V. Flynn, Grimes, at $0.29 per cu.yd. Noted Oct. 6.

Ia, Council Bluffs—Pottawattamie Co. grading 43.23 mi. Primary Rd. Projects 21, 22 and 92, radiating out of here, 814,899 cu.yd. excav., to E. A. Wickham & Co., 19 Scott St., $0.174 per cu.yd.

Ia, Webster City—Hamilton Co., gravel surfacing 14.94 mi. Primary Rd. Project 206, from here east to county line, 23,306 cu.yd. gravel, to A. R. Eno, Havelock, $0.37 per cu.yd. for gravel 1 mi. haul, 98,860 units additional ½ mi haul $0.075 per unit, and 42,280 units at $0.09; grading 6.04 mi. Primary Rd. Project 79, from Jewell south, 40,958 cu.yd. excav., to P. E. Shugart, Nevada, $0.26 per cu.yd. Noted Oct. 6.

Mo., Kansas City—Paving Walnut and Lydia Sts, concrete, to Mense & Glennon, Massachusetts Bldg. $54,885. Noted Oct. 13.

Tex., Clarksville—Red River Co., 32,220 sq.yd. two course rein.-con., to McGuire & Cavender, Leavenworth, $114,900. Noted Aug. 25.

Okla., Ada—Paving Dist. 9 from Main St. to Frisco R.R. tracks, to I. E. Hanson, Ada, $42,000. Noted Oct. 6.

Okla., Okmulgee—Okmulgee Co., paving 11.5 mi. road between here and Beggs, concrete, to Allen & Harrison, Henryetta, $372,225. Noted April 28.

Wash., Everett—Paving 7,900 sq.yd. Main St., et. al., to E. Wall & Co., Everett, $32,744.

Cal., El Centro—Bd. Supervs. Imperial Co., Willite, paving 7.5 mi. Brawley-Calipatria Highway, to Los Angeles Paving Co., 2900 Santa Fe Ave., Los Angeles, $145,113. Noted Oct. 13.

Cal., Los Angeles—Bd. Pub. Wks., paving, curbing and laying sidewalks on Santa Cruz St. between Pacific and Gaffey Sts., 4,727 lin.ft. cement curbing, 5,247 sq.ft. concrete gutter, 17,307 sq.ft. cement sidewalk, 70,458 sq.ft. asphalt paving and 2,479 sq.ft. concrete paving, to Fairchild-Gilmore-Wilton Co., Los Angeles Ry. Bldg., $37,385.

Cal., Whittier—Paving, curbing and laying sidewalks on Greenleaf Ave. from Orange Dr. to Bailey St., 709 lin.ft. cement curbing, 1,495 sq.ft. cement sidewalk, 404.-243 sq.ft. 6 in. concrete, to Fairchild-Gilmore-Wilton Co., Los Angeles Ry. Bldg., Los Angeles, $100,495.

Ont., Toronto—To Kilmer & Barber, 10 Adelaide St. E., paving Collahie St., $3,441, Salem Ave. and Hillcrest Drive, $6,340, Rosemount Ave, $2,955, asphalt; Constr. & Paving Co., Confederation Life Bldg., Gilmour Ave., $5,488, Indian Valley Crescent, $2,073, Shears Ave., $26,715, Webb Ave., $7,745, Miller St., $12,609, asphalt, Colbeck St., $3,174, asphaltic concrete; Godson Contg. Co., Manning Chambers, Westport Ave., $3,067, Willard Ave., $25.-317, Britannia and Lappin Aves., $7,447; asphalt; Warren Bituminous Paving Co., University Ave., Benson Ave., $9,468, bitulithic; Comr. Pub. Wks., Toronto, Soudan Ave., $13,391, concrete, Springmount Ave., $2,456 asphalt.

Ont., Watford—Lambson Co., 13,000 sq.yd. concreet, to Merlo, Merlo & Ray Ltd., Sandwich St., Ford City, $38,000.

Industrial Works

PROPOSED WORK

Mass., East Longmeadow—New England Steel Castings Co. Shaker Rd., soon lets contract 1 story, 70 x 125 ft. steel and timber plant. $40,000. M. W. Maloney, 145 Chestnut St., Springfield, archt.

Md., Frostburg—Big Savage Brick Co., 40 West Union St., plans brick plant here. $85,000.

O., Canton—Continental Clay Co., Zinninger Bldg., having plans prepared 1 story, 100 x 300 ft., steel and concrete plant, East Canton. $300,000. Private plans. Noted Feb. 24.

O., Cleveland—Federal Investment Co., c/o C. J. Hays, 2882 Detroit Ave., had plans prepared by Christian-Schwarzenberg & Gaede, archts., 1900 Euclid Ave., 3 story, 65 x 85 ft., brick and steel factory addition, plain foundation, West 29th St. and Detroit Ave. $75,000.

O., Cleveland—J. M. Sands, Sweeney Ave., had plans prepared 1 story, 37 x 100 ft., brick and steel forge shop, plain foundation, 10300 Harvard Ave. $40,000. Private plans.

O., Cleveland—G. A. Vyse 8816 Harkness Rd., has plans prepared 2 story, 34 x 64 ft., brick and concrete garage, plain foundation. $40,000. Private plans.

O., Martins Ferry—See "Waterworks."

Mich., Detroit—Street Ry. Comn., Murphy Bldg., having plans prepared by W. C. Markham, archt., Marquette Bldg., for 2 story, 120 x 125 ft. rein.-con., brick and steel storage plant; plain foundation, St. Jean Ave. $75,000.

Mich., Ferndale—Leasia Motor Sales Co., c/o Arnold & Shreve, archts., 308 Homber Bldg., Highland Park (Detroit P. O.), had plans prepared 2 story, rein.-con. and brick garage, service and sales building, plain foundation, Woodward Ave. and Nine Mile Rd. $40,000.

Ill., Chicago—Fox & Fox, archts., 38 South Dearborn St., preparing plans and soon take bids 5 story, 50 x 142 ft. printing plant, rein.-con., brick and steel, Washington Blvd. and Elizabeth St., for Bronson-Canode Printing Co., 626 Federal St. $150,-000. Noted Oct. 27.

Ill., Chicago—P. Gerhardt, archt., 64 West Randolph St., making plans and soon takes bids 1 and 2 story, 150 x 300 ft., dye plant, brick, concrete and steel, Grand Ave. near 50th Ave. $250,000. Owners name withheld.

Ill., Jonesboro—Union Grain & Milling Co. plans 2 story mill, brick and steel, $40,000. Architect not selected.

Ill., Mt. Morris—Kabel Bros. Co. having plans prepared by N. E. Buser, archt., Mt. Morris, 1 story, 96 x 185 ft. printing plant, rein.-con., brick and steel. $50,000.

Ill., Wheaton—F. E. Wheaton & Sons having plans prepared by L. M. Mitchell, archt., 138 North La Salle St., Chicago, 1 story, 66 x 101 ft. garage, brick and steel. $55,000.

Wis., Dodgeville—Wisconsin River Power Co., Gay Bldg., Madison, plans 2 story, 60 x 86 ft. electric sub and power station, brick, here. $55,000. Architect not selected.

Wis., Wauwatosa—Milwaukee Co. Bd. Trustees having surveys made by Vaughan & Meyer, engrs., Security Bldg., Milwaukee, for power heating plant. Cost between $300,000 and $500,000. W. L. Coffey, business mgr.

Minn., Minneapolis—Franklin Co-operative Creamery Assn., 2601 Franklin Ave., plans 2 or 3 story, brick and concrete creamery on North Side. $55,000. H. I. Norby, pres. Architect not selected.

Minn., St. Paul—Creamery Package Mfg. Co., Ft. Akinson, Wis., having plans prepared by M. Tullgren & Sons, archts., 425 East Water St., Milwaukee, Wis., for 3 story, 95 x 170 ft. warehouse, brick and concrete, plain foundation, Colfax Ave., here. $100,000.

Minn., St. Paul—W. Fernholz, 1046 East 4th St., plans 1 story, 50 x 180 ft. garage, concrete and brick, Hastings Ave. and Cypress St. $40,000. Architect not selected.

Kan., Neodesha—See "Waterworks."

Kan., Wichita—Wichita Ice & Storage Co., c/o C. W. Southward, pres. 213 South Rock Island Ave. having plans prepared by G. E. Wells, archt., Boatmens Blk., St. Louis, Mo., 5 story, 75 x 90 ft. ice plant, brick and rein.-con. $200,000.

Neb., Randolph—Plans addition to electric light plant. $65,000. C. Blizzard, clk. Engineers name withheld.

Mo., Ferguson—Republic Photographic Co., c/o E. B. Fish, pres., Kansas City, having plans prepared by J. W. Gerhard, archt., Boatmens Bank Bldg., St. Louis, 1 story, 55 x 385 ft. and 77 x 162 ft. brick and steel factory, here. $125,000.

Mo., Monett—Missouri Holding Co., Bway. Hotel Bldg., plans 1 story concrete factory, Main St. $50,000. J. Nelson, secy. Architect and engineer not selected.

Mo., St. Louis—R. L. Williams & Co., archts., International Bldg., preparing plans 2 story, brick and steel garage. $60,000. Owners name withheld.

Ark., Gravette—T. A. Wisdom plans 1 story, brick and frame foundry and machine shop, Main St. $40,000. Architect not selected.

Cal., San Francisco—Bothin Realty Co., Atlas Bldg., soon takes bids 3 story, rein.-con. factory, Folsom St. east of 2nd St. $45,000. A. S. Bugbee, 26 Montgomery St., archt.

Ont., Amherstburg—Midwestern Tractor Wheel Co., plans factory. $50,000. H. H. Lane, mgr. Private plans.

Ont., Bridgeburg—Buffalo Specialty Co. plans to rebuild factory recently damaged by fire. Loss $75,000.

Ont., Chatham—Chatham Crystal Ice Co., having plans prepared by J. W. Leighton, archt., Bartlett Bldg., Windsor, concrete and brick plant. $60,000.

Ont., Dresden—Lawrence & Wakefield, having plans prepared for concrete and steel mill to replace one recently destroyed by fire. $100,000. Prices wanted on all materials. Private plans.

Ont., Petrolea—Peninsular Sugar Co., Chatham, plans refinery here, 600 ton capacity. $2,000,000. F. H. Hubbard, mgr. of Ohio Sugar Co., Ottawa, O., pres.

B. C., Prince Rupert—Prince Rupert Pulp & Paper Co., 602 Pacific Bldg., Vancouver, received ratification of ratepayers for pulp mill, here, first unit, 40 ton daily capacity. $1,000,000. Engineer not appointed.

H. T. Honolulu—Loves Biscuit & Bread Co. has plans prepared by A. W. Hoffmann, engr., 730 Marshall St., Milwaukee, Wis., 5 story, 80 x 120 ft. rein.-con. and brick factory, plain foundation. $100,000.

BIDS DESIRED

R. I., Providence—W. G. Richards, archt., 17 Exchange St., receiving bids 2 story, 90 x 120 ft., concrete; brick and steel addition to garage and service station, plain foundation, for Dorrance St. Garage, Dorrance and Friendship Sts. $75,000.

O., Cleveland—H. M. Morse & Co., archts., Plymouth Bldg., receiving bids 1 story, 43 x 122 ft., brick and steel factory, plain foundation, 875 East 140th St., for Pee Chee Cleaner Mfg. Co. $60,000.

O., Columbus—Nov. 18, by C. L. Steele, secy. Bd. Trustees Ohio State University, 18 x 204 ft. power house, 60 ft. high, brick and concrete. $300,000. J. N. Bradford, Ohio State University, archt.

O., Findlay—Glenwood Motor Car Co., c/o B. J. Cline, East 71st St. and Euclid Ave., Cleveland, receiving bids 1 story, 100 x 700 ft., brick and steel factory, plain foundation, here. $250,000. Private plans.

Ill., Peoria—Nov. 10, Leshnick Directory Co., 514 Main St., and B. L. Hulsebus, archt., Jefferson Bldg., 2 story, 50 x 150 ft., printing plant, brick, steel and concrete, $100,000. Noted Oct. 27.

Wis., Eagle River—J. B. Cook receiving bids for 1 story, 50 x 50 ft. brick, rein.-con. and steel machine shop. $45,000. Private plans.

Mo., Carthage—F. W. Steadly receiving bids 1 story, 80 x 100 ft. mill, near here. $50,000.

CONTRACTS AWARDED

Mass., Brookline—L. A. Vachon, 653 Washington St., 2 story, 60 x 148 ft., brick garage and service station, Washington St., to J. Shapiro & Son, 27 School St., Boston. $80,000.

Mass., Cambridge—Mack Motor Truck Co., 185 Massachusetts Ave., 1 story 45 x 110 ft., rein.-concrete addition to factory, Osborn St., to Blake & Pope, 15 Beacon St., Boston. $40,000.

Conn., Hartford—Elite Waist Co., Allyn St., altering and 2 story, 90 x 100 ft., brick and steel addition to factory, plain foundation, High St. $40,000. Work will be done by day labor. I. A. Allen, Jr., Inc., 904 Main St., archt.

Conn., Meriden—Griswold, Richmond & Glock Co., 2 West Main St., 1 story, 50 x 160 ft., brick, steel and concrete plant, plain foundation, West Main and South Grove Sts., to L. A. Miller, 22 Church St., $40,000.

Industrial Works (Continued)

Conn., Stamford—Monarch Mfg. Co., 718 B'way, New York, 2 story, 90 x 140 ft., brick and steel plant, plain foundation, Pacific St., here, to G. Robertson Constr. Co., 1994 Morris Ave., New York. $75,000. Noted Sept. 15.

Pa., Clarion—Berney Bond Glass Co., 1 story, 70 x 180 ft. factory, to J. Trunk Jr., Clarion, $90,000.

Pa., New Brighton—Standard Mfg. Co., Bessemer Bldg., Pittsburgh, 1 story, 144 x 180 ft. brick and steel foundry, here, to Austin Co., 16112 Euclid Ave., Cleveland, O.

Pa., New Brighton—C. C. and E. P. Townsend Co., 3 story, 124 x 128 ft. rein.-con. and brick warehouse and factory, near Fallston Sta., to E. T. Anderson, Inc., 34 Greenway St., Forest Hills, N. Y.

Pa., Pittsburgh—Arburthnot Stevenson Co., Penn Ave., 1 story, 75 x 210 ft. garage, Bidwell St., to C. H. Kerr Co., Vanadium Bldg., $75,000.

O., Ashtabula—City, 1 story, 80 x 80 ft., brick, steel and concrete power plant, to Service Constr. Co., 6110 Euclid Ave., Cleveland, $63,480. Noted Sept. 22.

O., Cleveland—Pavelka Bros., 2978 East 37th St., 1 story, 57 x 65 ft., brick and steel factory addition, plain foundation, East 37th St. and Bway., to W. Dunbar Co., 8201 Cedar Ave., $40,000. Noted Oct. 20.

O., Cleveland—Richmond Bros., 1600 East 55th St., 1 story, 66 x 90 ft., brick, steel and concrete garage, plain foundation, to W. I. Thompson & Son Co., 5103 Euclid Ave. $40,000. Noted Oct. 20.

O., Cleveland—Sobul & Elder, 416 Guardian Bldg., 1 story, 100 x 100 ft., brick and steel garage and commercial building, plain foundation, 2719 East 55th St., to Meyer Sobul, 2635 East 51st St., $50,000. Noted Sept. 29.

O., Cleveland—Steam boiler plant for convention hall (now under construction), to Chappell-Warren Co., 1837 St. Clair Ave., $81,700. Noted Oct. 20.

O., Warren—D. E. Miller general contract 2 story, 80 x 120 ft., rein.-con. garage, West Market St., to Chapman & Graham, 132 Blackstone Ave., Jamestown, N. Y., $44,000. Noted May 5.

Mich., Menominee—Lloyd Mfg. Co., North State St., 3 story, 72 x 400 ft., rein.-con. and brick warehouse, plain foundation, to H. J. Selmer Co., McCartney Natl. Bank Bldg., Green Bay, Wis., $85,000.

Ill., Centralia—Chicago, Burlington & Quincy R.R. Co., 542 West Jackson St., Chicago, 1 story roundhouse, 3 stalls 105 ft. long, brick and mill construction, and 400-ton concrete and steel coal chute, here, to J. E. Nelson & Sons, 3240 South Michigan Ave., Chicago, $125,000. Noted Oct. 13.

Ill., Centralia—J. Longenfeld, 2 story, 80 x 106 ft. garage, brick and mill construction, to F. Pfeiffer, 428 West 2nd St., $40,000. Noted Oct. 27.

Ill., Chicago—A. Bromstedt, 6440 South Green St., 1 story, 50 x 200 ft. garage, rein.-con., brick and steel, to J. Broehl, 953 West 71st St., $40,000.

Ill., Chicago—Murphy-McSuen Co., 79 West Monroe St., 1 and 2 story factory, concrete and brick, 65th St. near Austin Ave., to H. B. Barnard, 140 South Dearborn St., $100,000.

Ill., Chicago—Spingola & Sons, 750 Taylor St., 2 story, 75 x 120 ft. brick garage, 1918 South Morgan St., to Bottiglliero & Stella, 911 South Bishop St., $50,000. Noted Sept. 8.

Ill., Evanston—C. F. Thumm, 2313 Lincoln St., Chicago, 1 story, 171 x 200 ft., garage, here, to B-W Constr. Co., 10 South La Salle St., Chicago, $85,000.

Ill., Peoria—J. C. Striebick Co., 212 South Washington St., 4 story, 61 x 100 ft. warehouse and office, rein.-con. and brick, to V. Hobst & Sons, Lehmann Bldg., $150,000. Noted Oct. 27.

Wis., Beaver Dam—Price & Ruland Co., 2 story, 60 x 126 ft., brick, rein.-con. and steel factory, to Hutter Constr. Co., 128 Western St., Fond Du Lac, $45,000.

Wis., Drummond—Drummond Garage Co. 2 story, 60 x 60 ft., brick, rein.-con. and steel, Main St., to U. F. Weaver, Main St., Owen, $42,000.

Wis., Milwaukee—H. and R. Larsen, Columbia Ave., 1 story, 40 x 120 ft. garage, brick and steel, plain foundation, Fond du Lac Ave., by day labor. $40,000.

Wis., Milwaukee—J. Wollaeger Co., 417 Wells St., 4 story, 90 x 120 ft. garage, rein.-con. and brick, plain foundation, Grand Ave., to Universal Constr. Co., 97 Wisconsin St., $100,000; cost plus percentage basis. Noted Sept. 29.

Wis., Waukesha — Manitowoc Church Furniture Co., 1 story, 60 x 150 ft., factory, brick, rein.-con. and steel, by day labor. $60,000. Noted Sept. 15.

Ia., Des Moines—Des Moines Gas Co., 7th and High Sts., 1 story, 50 x 55 ft. power plant addition, at 107 East Vine St., to C. F. Weitz & Sons, 713 Mulberry St., $50,000.

Kan, Coffeyville—E. R. Lawson, Nowata, Okla., 1 and 2 story ice plant, brick, steel and stone, here, to Universal Constr. Co., Coffeyville, $100,000. Noted Sept. 29.

Kan., Council Groves—E. A. Roberts, 2 story garage, to J. A. Flynn, Council Groves, $45,000. Noted Oct. 27.

Mo., St. Joseph—W. S. Littlejohn, 6106 King Hill Ave., 1 story, 54 x 135 ft. tile, concrete and brick garage, King Hill Ave. and Valley St., by day labor. $45,000. Architects name withheld.

Mo., St. Louis—J. E. Dougherty, 127 Blow Ave., 2 story, 50 x 117 ft., brick and steel garage, 39th St. and McRee Ave., by day labor. $45,000. Architects name withheld. Noted Oct. 27.

Mo., St. Louis—White Co., 3442 Lindell St., 1 story, brick and steel service station, Laclede and Vanderventer Sts., by day labor. $75,000. P. J. Bradshaw, International Life Building, archt. Noted Oct. 27.

Tex., Dallas—J. P. Thomas, 2807 Woodside St., 3 story, concrete warehouse, Lamar and Broom Sts., to Hughes O'Rourke Constr. Co., Praetorian Bldg., $50,000.

Okla., Duncan—For 800 k.w. plant, distributing system and White way, to Merkle Mchy. Co., 1733 Walnut St., Kansas City, Mo., $227,824. Noted May 19.

Cal., South San Francisco—Fontana Products Mfg. Co., 112 Market St., San Francisco, rein.-con. factory, here, to J. S. Sampson & Co., 682 Monadnock Bldg., San Francisco, $70,980.

Buildings

PROPOSED WORK

Me., Portland—Business—Owner, c/o E. Dalton, Fidelity Bldg., plans 4 story, brick, concrete and steel, Federal St. $150,000. Miller & Mayo, Fidelity Bldg., archts.

Mass., Brookline — Medical — Deaconess Assn., 10 Deaconess Rd., having sketches made 3 story, brick and rein-con. $300,000.

Mass., Greenfield — High School — High School Bldg. Com. had revised plans made by L. C. Patton, archt., 579 5th Ave., New York, 2 story, 120 x 245 ft., concrete, brick and steel, plain foundation, Federal St. $400,000.

Mass., Lawrence—High School—School Comn. plans 4 story 65 x 260 ft. brick, concrete and steel addition, Oak St. $500,000. J. E. Allen, 283 Essex St., archt.

Mass., New Bedford — Business — S. S. Kresge Co., Kresge Bldg., Detroit, Mich., plans 3 story, brick and concrete, Purchase St., here. $150,000. Private plans.

Mass., Wakefield—Library—Plans stone library, Main St. $150,000. H. M. Dolbeare, c/o Wakefield Daily Item, chn. Cram & Ferguson, 15 Beacon St., Boston, archt.

Conn., New Haven — Forestry School — Yale University having plans prepared by Delano & Aldrich, archts., 126 East 28th St., New York, 3 story, brick, concrete, and steel, Pierson Sage Sq. $300,000. J. R. Angell, pres.

Conn., Norwich—Business—Disco Bros., 267 Main St., plans 3 story, brick and steel, Main St. $150,000. Cudworth & Thompson, Thayer Bldg., archts.

N. Y., Buffalo—Church—B. S. Farrall, pastor, 248 Northland Ave., having plans prepared by F. A. Spangenberg, archt., Prudential Bldg., 105 x 175 ft., brick, stone, concrete and steel, Dupont St. $160,000.

N. Y., Corning—Academy—Dept. Pub. Wks., City Hall, having preliminary plans prepared by F. H. Dewey and H. Greenley, archts. and engrs., 949 B'way, New York, brick, steel and stone, plain foundation, 3rd and Pine Sts. $250,000.

N. Y., Flushing—School—Bd. Educ., 500 Park Ave., New York, soon takes bids P. S. 72, brick, steel and stone, plain foundation, Maspeth Ave. near Grand Ave. $450,000. C. B. J. Snyder, Municipal Bldg., New York, archt. and engr.

N. Y., Medina—Schools—Bd. Educ. opens bids about Feb. 1, 2 and 3 story, 188 x 208 ft. high school and 1 story, 61 x 132 ft. grade school. Bonds for $450,000 and $45,000 voted. W. Ittner, Bd. Educ. Bldg., St. Louis, Mo., archt. Noted April 21.

N. Y., New York—Apartment—Fusion Realty Co., c/o D. S. Lang, archt. and engr., 110 West 34th St., having plans prepared brick, steel and stone, plain foundation, Fox St. near Westchester Ave. $200,000.

N. Y., New York—Apartment—G. Nordham, archt. and engr., 18 West 34th St., soon takes bids 6 story, brick, steel and stone, plain foundation, Tremont Ave. $750,000. Owners name withheld.

N. Y., New York—Bank—North River Savings Bank, 31 West 34th St., plans 70 x 100 ft., 206-212 West 34th St., $350,000. Architect not selected.

N. Y., New York—Memorial—Knights of Columbus having plans prepared by G. McCabe, archt. and engr., 96 5th Ave., 4 story, 65 x 125 ft., brick, steel and stone, plain foundation, Ave. C and East 30th St. $150,000.

N. Y., New York—Theatre—Fagazy & Rosetti, c/o Reilly & Hall archts. and engrs., 405 Lexington Ave., having sketches made 3 story 100 x 120 ft., brick, steel and stone, plain foundation, MacDougal and West Houston Sts. $150,000.

N. J., Fairview — Mausoleum — Mausoleum Co. of America, c/o G. B. Webb, archt., 1356 Bway., New York, having sketches made granite and marble, plain foundation, at cemetery here. $200,000.

N. J., Jersey City—Hotel—Knickerbocker Co., c/o S. Lerner, pres., 28 Duncan Ave., having plans prepared by W. Newman, archt., 314 Palisade Ave., 7 story, 65 x 125 ft., Hudson Blvd. $600,000.

N. J., Newark—Bank—Springfield Ave. Trust Co., c/o Guilbert & Bettelle, archts. and engrs., soon lets contract 2 story, brick, steel and stone, plain foundation, Springfield Ave. $175,000.

Pa., Altoona—Church—Fairview Methodist Church having plans prepared by Hersh & Shollar, archts., Altoona, 2 story, 70 x 115 ft., 5th St. and 23rd Ave. $150,000. Noted Sept. 29.

Pa., Phila.—Office—J. W. Hollawell, Broad and Chestnut Sts., plans 10 story, 50 x 160 ft. rein.-con., brick and steel, plain foundation, 1612-1628 Sansom St. $300,000. Private plans.

Pa., Phila.—Schools—Bd. Educ., 19th and Chestnut Sts., having preliminary plans prepared and takes bids early in 1922, 3 story, 50 room, 24th and Jackson Sts., $750,000, 3 story, 40 room, Roxborough Dist. (Phila. P. O.), $450,000, 3 story, 50 room, 13th and Louden Sts., $750,000, 3 story, 50 room, 54th and Warrington Aves., $750,000, 3 story addition, 42nd and Thompson Sts., $250,000, 3 story, 6 room addition, 19th and Reed Sts., 3 story, 18 room addition, 3rd and Duncannon Sts., $250,000, all brick and stone, plain foundations.

Pa., Pittsburgh — Synagogue — Adath Jeshurum Congregation, c/o Sharove & Friedman, archts., Berger Bldg., having sketches made 100 x 146 ft., Margaretta and St. Clair Aves. $150,000.

Pa., Sharon—High School—Nov. 8 to vote on $300,000 bonds for high school on State and Case Sts. Architect not selected.

W. Va., Charleston—Theatre—T. L. Kearse Circuit of Theatres, Strand Bldg., having plans prepared by Mills & Millspaugh Co., archts., 67 East Long St., Columbus, O., 4 or 5 story. $250,000.

W. Va., Clarksburg—Store and Office—Folie Bros. had plans prepared by Holmboe & Pogue, archts., 653 Empire Bldg., 3 story, 75 x 75 ft. brick. $150,000.

N. C., High Point—College—Methodist Protestant Church having plans prepared by H. B. Hunter, archt., Burlington, for college. $500,000. R. M. Andrews, Greensboro, chn.

Tenn., Cookeville—Dormitory—J. P. Brown, supt. State Bd. Educ., Nashville, will take bids about Nov. 15, dormitory at Tennessee Polytechnic Institute, here. $150,000. Daughtery & Gardner, Stahlman Bldg., Nashville, archts.

O., Canton — Hotel — I. L. Gould, 104 Market Ave. S., plans 6 story, 66 x 125 ft., brick, fireproof construction, Cleveland and 6th Aves. S. W. $175,000.

O., Cleveland — Apartment — M. F. Narosny, 12617 Edmonton Ave., having plans prepared by M. Weiss, archt., 618

Buildings (Continued)

Union Bldg., 3 story, brick and timber, plain foundation, Overlook Rd. near Kenilworth Rd. $200,000.

O., Cleveland—Auditorium—J. F. Judd, Jr., 4601 Euclid Ave., having plans prepared by G. S. Rider & Co., archts., Century Bldg., remodeling and 2 story, brick and steel addition, plain foundation. $200,000.

O., Cleveland—Commercial—W. Krause & Son, 2042 East 4th St., having plans prepared by G. B. Bohn, archt., Williamson Bldg., 3 story, 90 x 120 ft., brick, steel and concrete, plain foundation, Chester Ave. and East 11th St. $150,000.

O., Cleveland — Library — Cleveland Library Bd., c/o C. Lorenz, Kinney-Levan Bldg., plans 4 story, brick, steel and concrete, plain foundation, East 3rd St. and Superior Ave. $2,000,000 now available, will vote on additional $2,000,000 Nov. 8 Walker & Weeks, 1900 Euclid Ave., archts. Noted Feb. 17.

O., Cleveland—Office and Theatre—Shubert Vaudeville Theatres c/o R. McLaughlin of Ohio Theatre, East 17th St. and Euclid Ave., having plans prepared by T. Lamb, archt., 644-8th Ave., New York, 16 story, brick, steel and concrete, plain foundation, Huron Rd. $2,500,000.

O., Cleveland—High School—Bd. Educ., East 6th St. and Rockwell Ave., having plans prepared by W. R. McCornack, archt., East 6th St. and Rockwell Ave., 3 story, 40 room, brick, steel and concrete, plain foundation, West 46th St. and Hyde Ave. $750,000.

O., Cleveland—High School—Bd. Educ., East 6th St. and Rockwell Ave., having plans prepared by W. R. McCornack, archt., East 6th St. and Rockwell Ave., 3 story, brick, steel and concrete plain foundation, University Circle. $3,000,000.

O., Cleveland—High School—Bd. Educ., East 6th St. and Rockwell Ave., having plans prepared by W. R. McCornack, archt., East 6th St. and Rockwell Ave., 3 story, brick, steel and concrete addition, plain foundation, West 93rd St. and Willard Ave. $800,000.

O., Cleveland—Schools—Bd. Educ., East 6th St. and Rockwell Ave., having plans prepared by W. R. McCornack, archt., East 6th St. and Rockwell Ave., 1 story addition, East 31st St. and Payne Ave., also 2 story addition, Grand Ave. and Kinsman Rd., brick, steel and concrete, plain foundations. $150,000 and $200,000 respectively.

O., Columbus—Bank—Commercial Natl. Bank, Long and High Sts., had plans prepared by Mills & Millspaugh, archts., 67 East Long St., 2 story, 62 x 121 ft. steel, stone and brick, East Long St. $300,000.

O., Columbus—High School—Bd. Educ., Town and High Sts., has plans prepared by F. L. Packard, archt., New Hayden Bldg., 3 story, 275 x 290 ft., brick, stone and concrete, Arcadia Ave. $985,000.

O., Columbus—High School—Bd. Educ., High and Town Sts., had plans prepared by W. T. Ittner, archt., Bd. Educ. Bldg., St. Louis, Mo., Central High School, 3 story, 250 x 310 ft., brick, concrete and stone, River front. $250,000.

O., Lima—Office—J. Wise, 230 South Cole St. and F. Komminsk, 317 South Cole St., plan 5 story, downtown section. $200,000.

O., Youngstown—Auditorium—City having plans prepared by Helmle & Corbett, archts., 132 West 42nd St., New York, 1 story, 150 x 205 ft., Indiana limestone, Wick and Park Sts. $500,000.

Mich., Detroit—Art Institution—City, c/o C. H. Burroughs, 703 Jefferson Ave., having plans prepared by Zantzinger, Borie & Medary, archts., Otis Bldg., Phila., 1 and 2 story, 150 x 300 ft. rein.-con. and steel, plain foundation, Woodward Ave. and John R. St. $2,000,000.

Mich., Detroit—Church—St. Agnes Parish, c/o Van Leyen, Schilling, Keough, Reynolds, archts., 3440 Cass Ave., having plans prepared 2 story, 65 x 167 ft. rein.-con., brick and steel, plain foundation, 12th St. and LaSalle Gardens. $150,000.

Mich., Detroit—Office, M. Basso, 517 Free Press Bldg., having plans prepared by Van Leyen, Schilling, Keough & Reynolds, archts., 3440 Cass Ave., 8 story, rein.-con., brick, steel and terra cotta, plain foundation, Woodward and Horton Aves. $200,000.

Mich., Detroit — School — Resurrection Parish, c/o Van Leyen, Schilling, Keough & Reynolds, archts., 3440 Cass Ave., plans 2 story, 12 room, rein.-con., brick, steel and stone, plain foundation. $150,000.

Ill., Amboy—High School—Bd. Educ. having plans prepared by J. W. Coleman, archt., 6257 St. Lawrence Ave., Chicago, 2 story, 107 x 189 ft., rein.-con., brick steel and stone. $250,000.

TUNNEL—SEATTLE, WASH.

Bids were received Sept. 30, by Bd. Pub. Wks., Seattle, for building tunnel for Gorge Creek plant of Skagit River Development, from (A) R. C. Storrie & Co., Crocker Bldg., San Francisco, (awarded contract); (B) Puget Sound Bridge & Dredging Co., Central Bldg.; (C) Grant, Smith & Co., Henry Bldg. The unit bids were as follows:

	A	B	C
4,820 cu.yd. open cut excavations	$5 00	$3 50	$1 40
282 lin.ft. construction tunnels	60 00	125 00	110 60
372 lin.ft. temporary water tunnel	60 00	135 00	110 60
10,978 lin.ft. excavation of main tunnel	119 00	152 00	150 50
10,978 lin.ft. concrete lining of main tunnel	56 00	40 00	46 50
10,830 cu.yd. excavation of surge tank and riser	10 00	6 50	11 05
1,060 cu.yd. concrete lining of surge tank riser	30 00	10 00	22 10
2,260 cu.yd. excavation of penstock connection	10 00	6 00	16 60
930 cu.yd. concrete lining of penstock connection and bulkhead	30 00	10 00	22 10
2,300 cu.yd. excavation of permanent intake	7 00	6 00	11 05
235 cu.yd. concrete lining of permanent intake	30 00	10 00	22 10
75M ft. timber lining of temporary and construction tunnels	75 00	30 00	44 25
Extended totals	$2,203,865	$2,332,371	$2,476,840

Ill., Bloomington — Memorial — J. McBarnes, Holder, having plans prepared by A. F. Moratz, archt., Peoples Bank Bldg., 2 story, rein.-con., brick, stone and steel. $150,000. Noted Oct. 27.

Ill., Champaign — Apartment — F. W. North & Co., Robinson Bldg., having plans prepared 5 story, rein.-con., brick and stone. $250,000. Architects name withheld.

Ill., Chicago—Apartment—R. S. De Golyer, archt., 7 South Dearborn St., preparing plans and soon takes bids 8 story, 125 x 150 ft., rein.-con., brick and steel, Lake View Ave. and Deming Pl., for W. G. Souders, 218 South La Salle St. $700,000.

Ill., Chicago—Bank—A. Schwartz, archt., 118 North La Salle St., preparing plans and soon takes bids, 8 story, 100 x 125 ft., rein.-con., brick and steel, 63rd St. and Cottage Grove Ave., for Washington Park Natl. Bank, 63rd St. and Evans Ave. $500,000.

Ill., Danville—Hotel—Van Volkenburg Bros., Savory Hotel, having plans prepared by Lewis & Dougherty, archts., Temple Bldg., 7 story, rein.-con. and terra cotta. $400,000.

Ill., Danville—High School—Bd. Educ. having plans prepared by C. M. Lewis & Dougherty, archts., Temple Bldg., 3 story, rein.-con., brick and stone. $500,000. W. Smith, pres.

Ill., Evanston—Apartment—A. E. Anderson, c/o J. A. Nyden archt., 190 North State St., Chicago, having plans prepared 3 story, 100 x 110 ft., brick and stone, here. $200,000.

Ill., Herrin—Hall—Assn. Labor Organization, c/o H. Willis, having plans prepared by N. S. Spencer & Son, archt., 37 West Van Buren St., Chicago, 4 story, 75 x 100 ft., rein.-con., brick and terra cotta. $200,000.

Ill., Peoria—Apartment—W. G. Causey, 236 South Jefferson St., having plans prepared by B. L. Hulsebus, archt., 1232 Jefferson Bldg., 8 story, rein.-con., brick and stone. $500,000.

Ill., Urbana — Hotel — Corporation c/o Assn. of Commerce, plans 5 story hotel, here. $225,000. B. K. Gibson & Co., 608 South Dearborn St., Chicago, archts.

Ill., Urbana—Office and Recitation—University of Illinois plans 3 story, brick, stone and rein.-con., $500,000. H. E. Cunningham, secy.

Ill., Waukegan—Court House—Lake Co., c/o C. Holstein, comr., having plans prepared by Beers-Schling & Bailey, archts., 53 West Jackson St., Chicago, 3 story, 200 x 200 ft., rein.-con., stone and steel. $400,000. Noted June 16.

Wis., Madison—Theater—M. Heiman, 190 North State St., Chicago, having preliminary plans prepared by C. W. and G. L. Rapp, archts., 190 North State St., Chicago, for 2 story, 132 x 132 ft., rein.-con., brick and steel, plain foundation, State St., here. $300,000. Noted Oct. 20.

Wis, Milwaukee—Club House—B.P.O.E. No. 46, c/o P. Kelly, secy., 448 Jefferson St., plans 6 story, 100 x 160 ft., rein.-con., brick and steel, Mason and Marshall Sts. Cost between $900,000 and $1,000,000. Architect not selected.

Wis., Racine—Hotel—S. Sklute, 1103 College Ave., having plans prepared by K. M. Vitzthum, archt., 21 East Van Buren St., Chicago, 5 story, 60 x 200 ft., rein.-con., brick and steel, Main St. $210,000.

Minn., Minneapolis—Junior High Schools—Bd. Educ., City Hall, having plans prepared by E. H. Enger, archt., 305 City Hall, 3 story, 26th and Emerson Aves., N., and 3 story on 14th St. and Spruce Pl., both rein.-con., brick, tile and stone. $450,000 each. G. F. Womrath, business supt.

Kan., Humboldt—High School—Bd. Educ. c/o C. M. Hilleary, clk., having plans prepared by T. W. Williamson & Co., archts., Central Natl. Bank, Topeka, 2 story, 80 x 120 ft., brick and rein.-con., stone trim. $165,000.

Kan., Pittsburgh — Gymnasium — State Normal School, c/o G. A. Kimball, Topeka, having plans prepared by R. Gambell, archt., 1415 Fillmore St., Topeka, 1 story, 110 x 150 ft. brick and steel. $150,000.

Kan., Salina — Hospital — St. Barnabas Hospital having plans prepared by C. W. Shaver, archt., Salina, 3 story, brick, stone trim and rein.-con. $200,000.

Kan., Wellington — High School — Bd. Educ. c/o G. A. Slothomes, secy., having plans prepared by T. W. Williamson & Co., archts., Central Natl. Bank, Topeka, 3 story, brick, stone and rein.-con. $300,000.

S. D., Wakonda—School—Bd. Educ. having plans prepared by W. E. Hulse & Co., archts, Grain Exch. Bldg., Sioux City, Ia., 2 story, 95 x 128 ft., rein.-con., brick and stone. $150,000. S. Jacobson, clk.

Mo., Farmington—Hospital—Farmington State Hospital having plans prepared by H. H. Hohenschield, archt., Odd Fellows Bldg., St. Louis, 3 story, rein.-con. and brick. $150,000.

Mo., Joplin — Assembly etc. — Lakeside Assembly plans Methodist assembly buildings and park improvements. $500,000. Address H. L. Marks, 4th and Joplin Sts., secy. Architect not selected.

Mo., Joplin—Convention Hall—Bd. Trustees, c/o C. S. Bankard, chmn., 708 North Byers St., plan 2 story, concrete and brick. $200,000. Architect not selected.

Mo., Kansas City—Church—Holy Name Roman Catholic Church having plans prepared by Wight & Wight, archts., 1st Natl. Bank, 2 story, 77 x 186 ft., brick, steel and Bedford stone, 23rd and Benton Sts. $160,000.

Mo., Kansas City—Institution — C. A. Smith, archt., Finance Bldg., rejected bids opened Oct. 25, 2 story, brick and terra cotta addition, Grand and Missouri Aves., for Helping Hand Institute, c/o E. T. Brigham, supt., 523 Grand Ave. $150,000 Noted Oct. 20.

Mo., Koch—Hospital—Bd. Pub Serv., City Hall, St. Louis, having plans prepared by L. Preuss, archt., c/o owner, 3 story, 65 x 136 ft. rein.-con., brick and stone, here. $340,000.

Mo., Maryville—Dormitory—State Teachers College, c/o W. W. Lamkin, having plans prepared by R. Meier, archt., Lincoln Bldg., St. Joseph, 3 story, rein.-con., brick and stone. $200,000. Noted Sept. 22.

Mo., St. Joseph—Office—A. H. Ehrlich & Sons Mfg. Co., Lake and Colorado Aves., having plans prepared by Siemens & Arnold, archts., Bartlett Bldg., 3 story, 80 x 180 ft., rein.-con., brick and stone. $200,000.

Mo., St. Louis—Film Exchange—Lowenstein Bros. Real Estate Co., 105 North 7th St., having plans prepared by Widman & Walsh, archts., Wainwright Bldg., 4 story, 144 x 250 ft., brick and steel, Olive and Theresa Sts. $750,000.

Mo., Springfield—College—State Teachers College, c/o C. M. Hill, pres., having plans prepared by Hawkins & Holner, archts., McDaniel Bldg., 2 story, 90 x 230 ft., rein.-con., brick and stone. $250,000. Noted Sept. 22.

Okla., Wainwright — High—School — Bd. Educ. having plans prepared by M. T. Hardin, archt., 904 North C St., Muskogee, 2 story, rein.-con., brick and stone. $200,000.

Buildings (Continued)

Cal., Long Beach—Bank and Office—Farmers & Merchants Bank having plans prepared by W. H. Austin, archt., 222 1st Natl. Bank Bldg., 6 story, 100 x 150 ft., 3rd St. and Pine Ave. $300,000.

Cal., Los Angeles — Auditorium — Al Malaikah Temple, c/o Edelman & Barnett, H. W. Hellman Bldg., and J. C. Austin, 1125 Baker-Detwiler Bldg., archts., having plans prepared Class A construction auditorium, Jefferson and Royal Sts. $1,000,000.

Cal., Los Angeles—Theatre—West Coast Theatres, Inc., c/o Milwaukee Bldg. Co., archts., 315 Wright & Callender Bldg., having plans prepared 3 story, 120 x 230 ft., Hollywood Blvd. $500,000.

Ont., Ft. William — School — Bd. Educ., Victoria Blk., receiving competitive plans until Oct. 26, for 2 story, 8 room, concrete, brick and steel. $150,000. Architects not selected.

Ont., London—Schools—Bd. Educ. having plans prepared by L. E. Carrothers, archt., c/o Bd. Educ., two 2 story, brick, Ealing and Empress Aves. $225,000.

Ont., Sandwich—Jail—Takes bids about Nov. 22, 2 story, 150 x 200 ft. brick and stone jail, laundry and boiler house, $250,000. Nichols, Sheppard & Colthurst, Windsor, archts. Noted Oct. 13.

BIDS DESIRED

Mass., Newton—High School—Nov. 9, Bldg. Dept., 3 story, 61 x 70 ft and 57 x 241 ft. brick, Walnut St. $275,000. Brainerd, Leeds & Kellogg, 89 Franklin St., Boston, archts. Noted Oct. 27.

Conn., Lakeville—Dormitory—C. Gilbert, archt., 244 Madison Ave., New York, taking bids 4 story 40 x 130 ft., concrete, brick and steel, plain foundation on campus, for Hotchkiss School. $175,000. Noted May 5.

N. Y., New York—Apartment—Benenson Realty Co., c/o Moore & Landseidel, archts. and engrs., 148th St. & 3rd Ave., 5 story, brick, steel and stone, plain foundation, Decatur Ave. $175,000. Work will be done by separate contracts.

N. Y., New York—Apartment—W. L. Phelan, 1875 Harrison Ave., 5 story, 90 x 175 ft., brick, steel and stone, plain foundation, Harrison Ave. $250,000. Work will be done by separate contracts. Moore & Landseidel, 148th St. and 3 rd Ave., archts. and engrs.

N. Y., New York — Apartments — S. Shapiro, c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., four 5 story, brick, steel and stone, plain foundations, Bronx Park South. $200,000 each. Work will be done by separate contracts.

N. J., Newark — School — Nov. 9, by President Bd. Educ., City Hall, Broad St., brick, steel and stone, Charlton Ave. $250,000. Noted Aug 4.

W. Va., Welch—Bank—First Natl. Bank receiving bids 6 story, 70 x 71 ft. brick and concrete. $166,000. R. M. Bates, Jr., 1st Natl. Bank Bldg., Huntington, archt.

N. C., Greensboro—Agricultural and Mechanical—Nov. 15, by Bldg. Comn. of A. & T. College for Negroes, agricultural and auto-mechanics buildings, on campus, here. $200,000. M. C. S. Noble, chmn. building comn. H. Barton, Greensboro, archt. Noted Mar. 31.

N. C., Wilson—High School—Nov. 23, by Bd. Trustees School Dist., for high school. $300,000. C. L. Coon, supt. C. C. Watson, Wilson, archt.

Ky., Louisville—Temple—R. D. Weakley, archt., Cruetcher and Stark Bldg., 233 4th St., receiving bids 5 story, 75 x 200 ft., concrete and steel, at 200 Market St., for Union Labor Organization, 306 West Jefferson St. $350,000.

O., Cleveland—Apartment—T. Horobin, 2850 Eaton Rd., receiving bids 4 story, 206 x 258 ft., brick and steel, plain foundation, Shaker Blvd. $350,000. H. P. Whitworth, 402 Hickox Bldg., archt. Noted Aug. 18.

O., Cleveland—Apartment—S. H. White, archt., 1032 Schofield Bldg., receiving bids 9 story, 80 x 350 ft., brick, steel and concrete, plain foundation, East 116th St. and Shaker Blvd., for Chester Gardens Co., c/o architect. $1,500,000.

O., Cleveland—Commercial and Apartment—S. Newman, 10710 Drexel Ave., receiving bids 2 story, 65 x 218 ft., brick and timber, plain foundation, Superior and Lockwood Aves. $150,000.

O., Columbus—Hall, etc.—Nov. 18, by C. L. Steele, secy. Bd. Trustees Ohio State University, 3 story, 62 x 87 ft. brick and concrete addition to Brown Hall, $100,000; 4 story, 175 x 200 ft., commerce and journalism building, brick and concrete, $400,000; 3 story, 40 x 92 ft. brick and concrete addition to physics building., $80,000; 4 story, 63 x 145 ft., womans dormitory, brick, stone and concrete, $150,000. J. N. Bradford, Ohio State University, archt.

O., Toledo—High School—Nov. 23, by Bd. Educ., 3 story, 36-room, brick, steel and concrete, plain foundation, Lewis Ave. $425,000. E. M. Gee, Toledo, archt.

Ill., Chicago — Apartment — P. F. Olsen, archt., 127 North Dearborn St., receiving bids 3 story, 100 x 173 ft., rein.-con., brick and steel, Greenleaf Ave. near Sheridan Rd., for F. U. Mallman, c/o architect. $200,000.

Ill., Chicago—Office—Holabird & Roche, archts., 104 South Michigan Ave., taking bids 12 story 118 x 125 x 192 ft. rein.-con., white limestone and brick, 1206-24 Lake Shore Drive, for Illinois Life Insurance Co., $500,000. Noted Sept. 1.

Ill., Chicago—Office—Holton-Seelye & Co., 140 South Dearborn St., receiving bids 6 story, 100 x 150 ft., rein.-con., brick and steel, 41st St. and Michigan Ave., for La Salle Extension University, 4046 Michigan Ave. $500,000. L. E. Russell, 25 North Dearborn St., archt.

Ill., Evanston—Apartment—Nov. 10, J. Ettelson, 39 South La Salle St., Chicago, 2 story, rein.-con., brick and stone, here. $150,000. G. F. Paulsen, 643 Elmwood Ave., Oak Park, archt.

Ill, Evanston—Apartment—P. F. Olson, archt., 127 North Dearborn St., Chicago, receiving bids 3 story, 75 x 125 ft., rein.-con., brick and steel, Main and Maple Sts., for M. Rutherford, c/o architect. $150,000.

Ia., Marshalltown—School—Nov. 21, Bd. Educ., 3 story, 73 x 147 ft., rein.-con., brick and tile. $160,000. W. Clark, secy. Tyrie & Chapman, 1200-2nd Ave., Minneapolis, Minn., archts. Noted Sept. 29.

Minn., Minneapolis—Bank—Nov. 9, by Federal Reserve Bank, New York Life Bldg. 5 story, steel and brick, plain foundation, Marquette St. $1,000,000. C. Guilbert, 244 Madison Ave., New York, archt. G. Aus, 244 Madison Ave., New York, engr. Noted Sept. 16.

Kan., Lawrence—School—Nov. 22, by Bd. Educ. c/o I. C. Stevenson, 3 story. $495,000. W. B. Ittner, 915 Locust St., St. Louis, Mo., archt. Noted Sept. 29.

Kan., Parsons—Commissary—Nov. 9, State Bd. Educ., Topeka, 2 story, 36 x 70 ft. brick and concrete, here $150,000. R. L. Gamble, 1415 Fillmore St., Topeka, archt.

Mo., St. Louis—Theatre—Nov. 8, by Aubert Photo Play Co., Title Guaranty Bldg., brick, stone and terra cotta, Aubert and Easton Sts. $250,000. P. Klingenschmidt, 5086 Wells Ave., archt. Noted June 30.

Cal., Santa Maria—High School—Nov. 13, by Bd. Educ., 1 and 2 story, 250 x 300 ft., concrete and brick. $400,000. Allison & Allison, 1405 Hibernian Bldg., Los Angeles, archts. Noted Sept. 29.

BIDS RECEIVED

D. C., Wash.—School—Dist. Comrs., 509 Dist. Bldg., 3 story, New Eastern High School, (1) work complete, from G. Hyman, 17th and East Capitol St., (1) $950,000; (2) $700,000 Alternate a, $8,000, b, $1,000, c, $800, d, $6,000, e, $6,000, f, add $5,000, g, $6,200 add bidder's alternative, add $1,700, G. Wyne, Home Life Bldg., (1) $959,700 (2) $715,800 a, $12,000, b, $2,200, c, deduct $700, d, $900, e, $1,500, f, add $5,000, G. A. Fuller Constr. Co., Munsey Bldg. (1) $1,015,000, (2) $749,000, b, $1,300, c, $2,200, d, $5,000, e, $5,000, f, $1,500, g, 6,500, heating and ventilating, from Riggs, Distler & Stringer 216 North Calvert St., Baltimore, Md., $158,987, S. W. Rittenhouse, 1316 Harvard St., N.W., $159,633, W. G. Cornell Co., 923 12th St., N.W., $169,907; plumbing, from Riggs, Distler & Stringer, 216 North Calvert St., Baltimore, Md., $39,800, H. E. Crook Co., 28 Light St., Baltimore, Md., $44,950, M. B. Casey & Co., Wash., $46,000; electric work from H. P. Foley Co., 806-12th St., NW., $32,970, Boyle-Robertson Constr. Co., Evans Bldg., $33,300, A. Lowe, 2030 I St., N.W. $37,000. Noted Oct. 13

N. C., Raleigh—Institute—State School for Blind, 3 cottages, superintendent's home, power house, laundry and auditorium on campus, from Carolina Constr. Co., Hamlet, $279,400. J. W. Stout, Raleigh, $293,000; C. V. York, Citizens Bank Bldg., Raleigh, $293,400. Noted Oct. 6.

O., Cleveland—School—Bd. Educ., East 6th St. and Rockwell Ave., opened bids Oct. 24, 2 story, 160 x 300 ft., brick, steel and concrete, Broadview and Spring Rds., from C. Peterson Co., 4500 Euclid Ave., $364,216; Schirmer-O'Hara Co., 2031 Euclid Ave., $398,974; Tenbusch-Parker Constr. Co., Union Bldg., $404,284. Noted Sept. 8.

O., Elyria — High School — Bd. Educ. opened bids Oct. 24, 2 story, brick, steel and concrete addition to East Technical High School, plain foundation, from L. A. Burgett Co., Lorain, $150,020; J. Kaiser & Bro., Elyria, $150,983; C. Peterson Co., 4500 Euclid Ave., Cleveland, $154,000. Noted Oct. 20.

O., Lorain — High Schools — Bd. Educ. opened bids Oct. 20, (1) 2 story, East 20th and Oakdale Sts., (2) 2 story, East 31st St. and Seneca Aves., brick, steel and concrete, plain foundations, from R. G. Witters, 1539 Harvard Court, N.W., Canton, (1) $179,645, (2) $159,535; L. A. Burgett & Co., Lorain, (1) $181,284; J. Meinhart Contg. Co., Massillon, (2) $154,183. Noted Sept. 29 and Oct. 6.

Cal., Los Angeles—Schools—Bd. Educ., 2 and 1 story, 81 x 91 ft., 60 x 121 ft. and 60 x 107 ft., main building, cafeteria and manual training building, rein.-con., brick and stone, 60th and Vermont Sts., from A. Grant, 1202 West 36th St., $249,000; Bavin & Burch, 173 East Jefferson St., $250,000; G. F. Barber, Los Angeles, $252,221.

Cal., Los Angeles—Hospital—Los Angeles Co., 3 story, 156 x 158 ft., rein.-con., brick and stone, from C. J. Kubach Co., 701 Merchants Natl. Bank Bldg., $216,800; L. A. Planing Mill Co., 1812 Industrial St., $217,727; Weymouth Crowell Co., Los Angeles, $223,200. Noted Oct. 6.

CONTRACTS AWARDED

Conn., Fairfield — Theatre, etc. — J. I. Flint, Town Hall Bldg., 2 story, 65 x 115 ft., brick, hollow tile and steel, plain foundation, Post Rd., to H. D. Moon, Post Rd., and A. W. Blycher, 3142 Fairfield Ave., Bridgeport. $150,000.

N. Y., New York — Apartments — Absor Realty Co., c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., three 5 story, brick, steel and stone, plain foundations, McClellan St., by day labor. $150,000 each.

N. Y., New York—Apartment—I. Polstein, 280 Madison Ave., 11 story, 95 x 125 ft., brick, steel and stone, plain foundation, 1125 Madison Ave., by day labor. $750,000. G. F. Pelham, 200 West 72nd St., archt. and engr.

N. Y., New York — Apartment — Wacht Constr. Co., c/o J. M. Felson, archt. and engr., 1133 Bway., 5 story, 100 x 100 ft., brick, steel and stone, plain foundation, Grand Concourse and 198th St., by day labor. $200,000.

N. Y., New York — School — Bd. Educ., 500 Park Ave., P. S. 58, East 176th St. and Washington Ave., to P. J. Brennan & Son, 624 Madison Ave. $271,730. Noted Oct. 27.

Pa., Erie—Clubhouse—B. P. O. E. Lodge, 5 story, 42 x 80 ft., Peach and 8th Sts., to H. J. Conrath, Ariel Bldg., $212,000.

Pa., Phila. — Office — J. W. Hollawell, Broad and Chestnut Sts., 10 story, 42 x 78 ft., brick and steel, plain foundation, 1513-1521 Sansom St., to Doyle & Co., 1519 Sansom St., $250,000.

Pa., Phila—Office—Medical Arts Realty Co. will build 15 story, 40 x 117 ft. rein.-con., brick and steel, plain foundation, 16th and Walnut Sts., by day labor. $300,000.

Pa., Wilkinsburg (Pittsburgh P. O.)—School—Bd. Educ. 3 story, Johnstown School near Ardmore Blvd., to C. H. Kerr Co., Vanadium Bldg., Pittsburgh, $150,000.

W. Va., Fairmont—Normal School—Bd. Control, 3½ story, 50 x 165 ft., brick, stone and steel addition, to W. P. Thurston Co., 1103 East Main St., Richmond, Va. $150,000.

La., Pineville — Dormitory — Bd. Comrs. Louisian Hospital for Insane, Dining and Assembly Halls, 3 brick dormitories, to W. J. Quick, Lake Charles, $231,000; dining and assembly halls, to W. A. Prather, Baton Rouge, $201,300. Noted Sept. 15.

O., Columbus—School—Bd. Educ., Town and High Sts., general contract Olentangy School, 2 story, 130 x 170 ft., brick and concrete, Poplar Ave., to D. W. McGrath & Sons Co., 1st Natl. Bank Bldg., $132,500; plumbing and heating work, to S. Esswein Co., 96 West Broad St. 37,774. Noted Oct. 6.

O., Middletown — Hotel — Middletown Hotel Co., 5 story, 130 x 168 ft., brick, stone, steel and concrete, to D. P. Robinson Co., Inc., 125 East 46th St., New York. $400,000. Noted Sept. 15.

Ind., Elkhart—Bank—St. Joseph Valley Bank, 214 Main St., 2 story, 70 x 105 ft., brick and stone, Main and Marion Sts., to Hoggson Bros., 485-5th Ave., New York. $225,000. Noted Sept. 8.

Buildings (Continued)

Mich., Detroit — Clubhouse — Romaine Temple, c/o P. R. Rossello, archt., Congress Bldg., 2 story, 60 x 118 ft. rein.-con., brick and steel, plain foundation, Farnsworth Ave., to Reliable Painting & Decorating Co., 230 West Lafayette Ave., $150,000.

Mich., Detroit — Hospital — Bd. Health, 1415 St. Antoine St., 3 story, rein.-con., brick and steel addition, Hamilton Blvd., to A. W. Kutche & Co., 623 Ford Bldg., $176,973. Noted Oct. 27.

Mich., Wyandotte—School—Bd. Educ., 3 story rein.-con., brick and stone, plain foundation, to F. R. Patterson Constr. Co., 1921 Ford Bldg., Detroit, $1,000,000.

Ill., Centralia—Hospital—St. Mary's Hospital, 207 North Elm St., 3 story, 40 x 100 ft., rein.-con., brick and stone, to G. Tilman, Centralia, $200,000. Noted Oct. 13.

Ill., Chicago—Apartment—F. J. Groth, 1063 Ainslee St., 3 story, 89 x 125 ft., rein.-con., brick and steel, at 1616 Jonquil Terrace, to Olson Bros., 6200 Evans Ave., $150,000. Noted Oct. 20.

Ill., Chicago — Office — S. Rubin, 3221 Douglas Blvd., 2 story, 110 x 141 ft., rein.-con., brick, steel and terra cotta, Roosevelt Rd. and Avers Ave., to Samkowitz Bros. Co., 3547 West 13th St. $150,000. Noted Oct. 27.

Ill., Chicago—Temple—South Side Masonic Temple Assn., 624 West 71st St., 4 story, 105 x 108 ft., brick and terra cotta, Green and 64th Sts., to Nelson & Lind, 7046 Stony Island Ave., $250,000. Noted Sept. 22.

Ill., Harrisburg—High School—Bd. Educ., 2 story, 140 x 140 ft., brick, steel and concrete, to Murch Bros., Ry. Exch. Bldg. St. Louis Mo., $300,000. Noted Oct. 13.

Ia., Sioux City—Y. W. C. A., Commerce Bldg., 4 story, rein.-con. brick, stone and steel, 613-6th St., to Biesche & Sanborn, 514 Jackson St., $250,000. Noted Mar. 3.

Kan., Wichita—Bank and Office-Fourth Natl. Bank, c/o D. F. Callahan, pres., 6 story, 50 x 140 ft., to Siedhoff Constr. Co., 126 East 1st St. $200,000. Noted Sept. 29.

Neb., Hebron—Gymnasium and Auditorium—Hebron Academy, 2 story, rein.-con., brick and stone, to R. O. Stake, 346 North 28th St., Lincoln. $150,000. Noted Oct. 27.

Neb., North Platte—Court House—Lincoln Co., 3 story, 70 x 112 ft., rein.-con., brick, stone and tile, to McMichael Bros., North Platte. $200,000. Noted Oct. 6.

Tex., Cisco—School—For 3 story, brick and concrete, general contract to J. E. Johnson Constr. Co., Waco, $132,000. Noted Sept. 29.

Okla., Oklahoma City — Club — Hawk & Parr, archts., Magnolia Bldg., 6 story, 125 x 140 ft., rein.-con., brick and stone, to C. M. Dunning Constr. Co., Hershkowitz Bldg., for Oklahoma Club, c/o J. Shartel, pres. $350,000. Noted Oct. 13.

Que., Montreal — Hospital — Notre Dame Hospital, Notre St. E., 5 story, 75 x 100 ft., concrete, brick and steel, Panet and Sherbrooke Sts., to A. Gratton, 5th Ave. $500,000.

Que., Montreal — Office — Crane Co., St. Patrick St., 6 story, 40 x 75 ft. concrete, brick and steel, on Beaver Hall Hill, to Anglin-Norcross Co., Ltd., Victoria St. $200,000.

Que., Quebec—Hotel—Canadian Pacific Ry., Windsor Sta., Montreal, 17-20 story, brick, terra cotta, steel and stone addition to Chateau Frontenac, Des Carrieres Ave., here, to Anglin & Norcross Co., Ltd., Victoria St., Montreal. $3,500,000 cost plus percentage basis.

Ont., Walkerville—High School—School Bd., 2 story, 42 room, brick, steel and stone, Huron St., to S. E. Dinsmore & Co., Royal Bank Bldg., Windsor, $498,000; heating, plumbing and ventilating to Drake-Avery Co., 103 John St. N., Hamilton. Noted July 7.

Federal Government Work

BIDS DESIRED

Pa., Pittsburgh—Scows—Nov. 23, U. S. Engineer, 6 steel dump scows; adv. this issue.

Md., Baltimore—Dredging—Nov. 28, U. S. Engineer, dredging in harbor, here; adv. this issue.

D. C., Bellevue—Chimney—Spec. 4534—Nov. 16, Bureau Yards & Docks, Navy Dept., Wash., radio chimney, brick or concrete, here. Noted Oct. 27.

Ga., Savannah—Dredging—Nov. 30, U. S. Engineer, P. O. Bldg., dredging in Brunswick Harbor; adv. this issue.

Tenn., Nashville—Derrick Boat—Nov. 16, U. S. Engineer, Custom House, steel derrick boat, 5 x 35 x 77 ft. F. L. Slattery, Lt. Col.; adv. this issue.

O., Portsmouth—Mailing Vestibule—Nov. 18, Treas. Dept., Wash., D. C., at U. S. Post Office, here. J. A. Wetmore, acting superv. archt.; adv. this issue.

Wash., Keyport—Tower—Spec. 4538—Nov. 23, Bureau Yards & Docks, Navy Dept., Wash., D. C., 210 ft. radio tower, here. Noted Oct. 27.

Cal., Eureka—Tower—Spec. 4533—Nov. 23, Bureau Yards & Docks Navy Dept., Wash., D. C., 300 ft. radio tower, here. Noted Oct. 27.

Cal., San Francisco—Dredging Plant—Nov. 21, U. S. Engineer, 2nd Dist., 240 Montgomery St., hire and operation dredging plant for Sacramento and San Jioquin Rivers and tributaries.

BIDS RECEIVED

Va., Norfolk—Repairs—Spec. 4535—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairs to roof and attic, Marine Barracks, here, from W. F. Martins, 53 Franklin St., Rochester, N. Y., $3,650 (70 days); H. M. Lucas, 115 Maple St., Portsmouth, $3,840 (60 days); Fanning & Quinn, 118 Bd. of Trade Bldg., Norfolk, $3,900. Noted Oct. 27.

W. Va., Charleston—Electric Cable System—Spec. 4537—Bureau Yards & Docks, Navy Dept., Wash., D. C., electric cable system, here, (1) work complete, from Greenwood Eng. Co., 407 Stock Exch. Bldg., Phila., (1) $82,022, (2) $73,726, (3) $10,000, (4) $64,594, (5) $51,035; Riggs, Distler & Stringer, 216 North Calvert St., Baltimore, Md., (1) $83,595 (120 days), (2) $72,615, (3) $12,814, (4) $11,977, (5) $13,385 (30 days); Ranson & Anderson Co., 136 Liberty St., New York, (1) $88,240, (2) $74,745, (3) $13,495, (4) $70,980, (5) $73,980. Noted Oct. 13.

N. C., Cape Hatteras—Engine House—Spec. 4522—Bureau Yards & Docks, Navy Dept., Wash., D. C., engine house, at Naval Radio Sta. here, (1) work complete, from G. E. Ward, 417 East 34th St., New York, (1) $3,243 (45 days), (2) deduct $300; A. R. Masters Co., Hampton, Va., (1) $3,397 (45 days), (2) $3,099 (40 days); W. F. Martins, 53 Franklin St. Rochester, N. Y., (1) $3,495 (60 days), (2) $2,976 (50 days). Noted Oct. 20.

CONTRACTS AWARDED

D. C., Anacostia—Storehouse—Spec. 4516—Bureau Yards & Docks, Navy Dept., Wash., storehouse for pigeon supplies, here, to W. E. Mooney, 505 Evans Bldg., Wash., $2,342 (30 days). Noted Oct. 20.

Va., Quantico—Supply Main—Spec. 4513—Bureau Yards & Docks, Navy Dept., Wash., D. C., c.i. supply main, here, to Pittsburgh-Des Moines Steel Co., 959 Munsey Bldg., Wash., D. C., $8,513 (60 days). Noted Oct. 20.

Mich., Detroit—Timber Work, etc.—U. S. Engineer timber work and repairing dikes, St. Clair Flats Canal, to Candler Dock and Dredge Co., 305 Moffat Bldg., $11,858.

Ill., Chicago—Recreation Building—Treas. Dept., Wash., D. C., recreation building complete, incl. mechanical equipment, at U. S. Pub. Health Serv. Hospital, Broadview, here, to C. B. Johnson & Son, 1810 Conway Bldg., $96,240. Noted Oct. 27.

Tex., Port Arthur—Operating Building—Spec. 4511—Bureau Yards & Docks, Navy Dept., Wash., D. C., operating building at radio station, here, to W. F. Martins, 53 Franklin St., Rochester, N. Y., $4,925 (130 days). Noted Oct. 20.

Miscellaneous

PROPOSED WORK

Sea Wall—Winthrop, Mass.—State Metropolitan Park Comn., 18 Tremont St., Boston, rejected bids 3,000 ft. concrete sea wall. $250,000. J. R. Bablin, 18 Tremont St., Boston, engr. Noted Oct. 27.

Asphaltic Cement—New York, N. Y.—H. Bruckner, pres. Bronx Boro, Municipal Bldg., rejected bids opened Oct. 24, furnishing and delivering 300 ton asphaltic cement. $10,000. Work will be readvertised. Noted Oct. 27.

Incinerator — Hamtramck, Mich. — Plans addition to garbage incinerator plant. $25,000. G. Jerome, 1331 Majectic Bldg., Detroit, engr.

Swimming Pool — Davenport, Ia. — Making plans 150 x 200 ft., rein.-con., swimming pool. $45,000. L. W. Christensen, clk.

Stadium—Minneapolis, Minn.—Bd. Educ. having plans prepared for stadium at Central High School, 4th Ave. S. and 35th St., concrete wall and stands. $50,000. G. F. Womrath, business supt. E. H. Enger, 305 City Hall, engr.

Park Improvements—Joplin, Mo.—See "Buildings."

Swimming Pools, etc.—Joplin, Mo.—Making plans swimming pools and septic tank at Park. $50,000. S. Ashcraft city engr.

Transit Shed, etc.—Tacoma, Wash—Port of Tacoma, having plans prepared and takes bids about Nov. 15, Pier 2, dredging, driving concrete piling and constructing transit shed, also extending Pier 1. $600,000 and $300,000 respectively.

Dike — Portland, Ore. — Multnomah Co. Impvt. Dist. plans 12 mi. dike at lower end of Sauvies Island. $200,000. Project includes pumping plant. R. A. Garrow, 617 East 10th St., N., advisory engr.

Incinerator—Chatham, Ont.—Plans incinerator. $60,000. C. H. R. Fuller, City Hall, engr.

BIDS DESIRED

Piles—Portland, Me.—Nov. 28, Directors of Port, 67 Commercial St., 5,300 creosoted piles. H. F. Merrill, pres.; adv. this issue.

Dike—Revere, Mass—Nov 28, at office of P. Conley, purch. agent, City Hall, repairing earthen dike and filling in marsh land at Charles Frederick Park; adv. this issue.

Traveling Crane, etc.—Camden, N. J.—Nov. 11, by Harbor Comm., City Hall, 3 ton traveling electric crane locomotive type, 2 single drum portable electric winches, and 1 electric tractor with 8 trailer trucks. G. W. Bradley, chn.; adv. this issue.

Garbage Disposal—Charleroi, Pa.—Nov. 8, garbage disposal plant. $40,000. G. Allen, city engr.

Oil Tanks and Boilers—New Orleans, La.—Dec. 23, by Sewerage and Water Bd., two 55,000 bbl. oil tanks and 1500-1800 H.P. water tube boilers; A. G. Moffat, secy., adv. this issue.

Motor Truck—Neenah, Wis.—Receiving bids for motor truck for street dept. C. Tolverson, 143 3rd St., chn. Street Comn.

Elevator, Conveyor, etc.—Lincoln, Nebr.—Nov. 8, by T. H. Berg, city clk., one pivoted bucket elevator conveyor, one coal crusher, one 30 in. apron conveyor and one traveling weigh larry, for City Water & Electric Light Plant. $23,000. G. M. Bates, city engr.

Suspension Supports—Lincoln, Neb.—Nov. 8, by T. H. Berg, city clk., two 500 hp. water tube boilers, city to furnish suspension supports. $23,000. G. M. Bates, city engr.

BIDS RECEIVED

Lamp Posts—North Bergen (Weehawken P. O.), N. J.—Hudson Co. Blvd. Comn. (Jersey City) opened bids Oct. 26, 132 lamp posts for Hudson Blvd. between Fisher Ave. and Bergen Co. line here, from W. J. Coleman, 29 Willow Court, Jersey City, $14,658; W. J. Daly, 118 Jewett Ave., Jersey City, $14,968. Noted Oct. 20.

Trestles and Bins—Wash., D. C.—Dist. Comrs., 509 Dist. Bldg., reconstruction trestles and bins, from R. J. Mansfield, 135 William St., New York, $14,980; Carleton Co., 151 West 42nd St., New York, $17,955; H. P. Giddings, 139-13th St., N. E., $19,495. Noted Oct. 6.

Subway—Detroit, Mich.—For subway, approaches and grade separation at Military Ave. under New York Central and Wabash R.R. tracks, from W. E. Lennane, 2631 Woodward Ave., $110,984; F. H. Davis, 1838 Penobscot Bldg., $121,851; J. Bollin Co., 1259 Book Bldg., $123,522. Noted Oct. 6.

CONTRACTS AWARDED

Binder Stone, etc.—Brooklyn, N. Y.—E. Riegelmann, boro pres., Boro Hall, furnishing and delivering 1,500 cu.yd. binder stone, to Calvin Tomkins Co., 30 Church St., New York, $2.19 per cu.yd.; 2,800 cu. yd. asphalt sand, 1,200 cu.yd 1½ in. gravel and 1,500 cu.yd. paving sand, to Hygrade Builders Supply Co., 6th St. and 2nd Ave., $1.39, $2.64 and $1.29 respectively; 940 ton limestone or other suitable inorganic dust, to E. Meyer Co., 25 Church St., New York, $7.35; 1,500 bbl. Portland cement, to M. M. Canda, 184 3rd St., $2.75; 25,000 grade 1 granite paving blocks, to J. Leopold & Co., Inc., 233 Bway., New York, $130; 1,200 cu.yd. 1½ in. broken stone, to B. Turecamo Contg. Co., 8706 Bay 12th St., $2.72. Noted Oct. 20.

Binder Stone, etc.—New York, N. Y.—H. Bruckner, pres. Bronx Boro, Municipal Bldg., furnishing and delivering 2,000 cu. yd. binder stone, to Calvin Tomkins Co., 30 Church St., $3,660; 300 ton limestone or other suitable inorganic dust, to E. Meyer & Co., 25 Church St., $2,400. Noted Oct. 27.

White Way — Duncan, Okla. — See "Industrial Works."

OFFICIAL PROPOSALS

Bids: Nov. 21.

Eighth Street Bascule Bridge

Sheboygan, Wis.

Sealed proposals will be received at this office until Nov. 21, 1921, at three o'clock p.m. for constructing a Bascule Bridge across the Sheboygan River on Eighth Street in the City of Sheboygan, Wisconsin, according to plans and specifications on file in this office. The field work is to begin ten days from the date of award of contract. Separate bids will be received on substructure and superstructure, also bids will be received for the entire work.

The substructure work, with the exception of the concrete roadway, is to be completed by June 15, 1922. The entire substructure and superstructure work is to be completed by Dec. 15, 1922. If the substructure contractor fails to complete his work as herein specified he shall pay to the City of Sheybogan as liquidated dam ages the sum of $250 for each and every day's delay in completing his contract. If the superstructure contractor fails to complete his work as herein specified he shall pay to the City of Sheybogan as liquidated damages the sum of $250 per day for each and every day's delay in completing his contract. If the entire work is awarded to one contractor, and such contractor fails to complete his work by Dec. 15, 1922, he shall pay to the City of Sheboygan as liquidated damages the sum of $500 for each and every day's delay in completing his contract.

Should the actual construction work at the bridge site be delayed at the discretion of the City of Sheboygan, such delayed period will be added to the time allotted to each contractor for the completion of his work.

Bonds, certified check or cash to the amount of 30 per cent of bid to accompany each proposal. All moneys deposited will be returned to the unsuccessful bidders on award of contract and to successful bidders when contract is entered into. All bids must be stated in writing and in figures, otherwise they will not be considered.

Plans and specifications will be furnished to prospective bidders on receipt of $10 as a guarantee of their safe return.

The Board reserves the right to reject one or all bids.

C. U. BOLEY,
JOHN KUMMER,
Board of Public Works.

Countersigned:
JOHN KUMMER,
Comptroller.

Bids: Nov. 11.

Crane, Winches, Trucks

Camden, N. J.

Sealed proposals will be received at Room 11, City Hall, Camden, N. J., until November 11th 1921, at 8 o'clock, P.M., and then and there publicly opened for: One (1) three-ton Traveling Electric Crane locomotive type Two (2) single Drum Portable Electric Winches two heads One (1) Electric Tractor with Eight Trailer Trucks.

Specifications on file at office of Harbor Engineer, Room 11 City Hall, Camden, N. J.

Each proposal must be accompanied by cash or certified check to the amount of $100.00, conditioned that the party making the bid will execute a contract, on being awarded same.

The Committee reserves the right to reject any or all bids and to waive any defect or informality in any bid, should it be deemed to the best interest of the city so to do.

Address proposals marked "Proposals for Elec. Equipments to Spruce St. Pier."

GEORGE W. BRADLEY, Chairman of Committee, City Hall, Camden, N. J.

The publication of an advertisement on this page is an official notice that bids are wanted from other than local bidders.

It is also a guarantee that maximum competition is invited because Engineering News-Record is the *one* nationally recognized medium for Proposal advertising. Its Searchlight Section is read each week by nearly every worth-while contractor in this country who bids on public work outside his own city.

Official Proposals reaching our office in first mail Tuesday morning (10 o'clock) can usually be published in the issue out the following Thursday. Special price for Official Proposals, 40 cents a line.

Bids: Nov. 22.

Road Construction

Harrisburg, Pa.

PENNSYLVANIA STATE HIGHWAY DEPARTMENT, HARRISBURG, PA.—Sealed proposals will be received at the State Capitol until 10 a.m., Nov. 22, 1921, when bids will be publicly opened and scheduled and contract awarded as soon thereafter as possible for the reconstruction of 32,669 linear feet of One Course Reinforced Concrete Pavement 16 feet wide, being situated in Montgomery and Banks Townships and Glen Campbell Borough, Indiana County, and Burnside Township, Clearfield County, on State Highway Route No. 262; also 21,221 linear feet of One Course Reinforced Concrete Pavement 16 feet wide, being situated in Green, Grant and Montgomery Townships, Indiana County, on Route No. 262; also 1,483 linear feet of One Course Reinforced Concrete Pavement 18 feet wide, being situated in Towanda Borough, Bradford County, Application No. 1700, and 11,497 linear feet of grading and drainage of roadway 26 feet wide, being situated in Otto and Foster Townships, McKean County, on Route No. 211. Bidding blanks and specifications may be obtained free and plans upon payment of $2.50 per set, upon application to State Highway Department, Harrisburg. No refund for plans returned. They also can be seen at office of State Highway Department, Harrisburg, 1001 Chestnut Street, Philadelphia, 119 Federal Street, and N. S. Pittsburgh. LEWIS S. SADLER, State Highway Commissioner.

Bids: Nov. 12.

Paving

Charlotte, N. C.

Sealed proposals for the paving of certain streets in the city of Charlotte will be received by the Board of Commissioners up to eleven o'clock A.M. on the twelfth day of November, 1921.

The work to be done consists of approximately 208,000 square yards of paving.

Bids will be received on various types of paving.

A certified check equal to five per cent of the amount of the bid and made payable to the treasurer of the City of Charlotte will be required to accompany each bid.

Plans may be seen and specifications obtained at the office of the City Engineer.

Contract will not be entered into until all legal steps have been taken and ratified.

The right is reserved to reject any or all bids or any part of a bid.

By order of the Board of Commissioners,
JOSEPH FIRTH, City Engineer. W. S. STANCILL, Com. of Public Works.

Bids: Nov. 17.

Road Work

Charleston, W. Va.

Sealed proposals will be received by the State Road Commission of West Virginia at its offices in Charleston, West Virginia, until two o'clock p.m. on the 17th day of November, 1921, and at that time and place publicly opened and read, for the construction of the following sections of State Roads:

PROJECT 3001—PUTNAM COUNTY—6.45 miles of the Midland Trail between the end of Project 45 and a point near the Kanawha County Line, for grading, draining and paving with Bituminous Penetration Macadam.

PROJECT 3042—KANAWHA COUNTY—2.6 miles of the Midland Trail between a point near the Putnam County Line and the end of the paving west of St. Albans, for grading, draining and paving with Bituminous Penetration Macadam.

PROJECT 3040—FAYETTE COUNTY—6.8 miles of the Midland Trail between Longacre and Kanawha Falls, for grading, draining and paving with Bitumino is Penetration Macadam.

PROJECT 3073—OHIO COUNTY—2 miles of the National Pike west of the Pennsylvania State Line, for grading, draining and paving with Concrete.

PROJECT 3005—WOOD COUNTY—3.5 miles of Parkersburg-Williamstown Road, for grading, draining and paving with Concrete.

PROJECT 3100—GILMER COUNTY—2 miles of the Glenville-Weston Pike from end of Project 82-B to the Lewis County line for grading and draining.

PROJECT 3004—MARION COUNTY—1.75 miles of the Fairmont and Morgantown Pike from end of present concrete road to the Monongalia County Line for grading and draining.

PROJECT 3003—MONONGALIA COUNTY—4 miles of the Fairmont and Morgantown Pike between Little Indian Creek and the Marion County line for grading and draining.

PROJECT 3010—MINERAL COUNTY—10.35 miles of the Northwestern Turnpike from New Creek to the Hampshire County Line for grading and draining.

Proposals will be received only upon state standard forms, in accordance with plans, specifications and estimate of quantities therefor, which standard forms, plans specifications and estimates may be obtained from the office of the Division Engineer, in whose territory the proposed construction is located, or from the office of the State Road Commission at Charleston, West Virginia.

All proposals must be accompanied by a certified check or draft in an amount equal to 5 per cent of the total amount of the proposal. The right is reserved to reject any and all proposals.

(Signed) STATE ROAD COMMISSION.
By E. B. CARSKADON, Secretary.

Bids: Nov. 9.

High Pressure Fire System

Girardville, Pa.

Sealed bids will be received at the office of the Borough Council at Girardville, Pa. on or before 7:30 P.M. on Wednesday November 9, for the construction of a high pressure fire system consisting of about 2 miles of 10" or 8" and 6" mains, valves and hydrants. Materials to be furnished by the Borough.

Sealed bids will also be received at the same time and place for cast iron pipe, specials, valves hydrants, gate-boxes, lead and jute.

The right to accept or reject any or all bids is reserved. Plans and specifications may be obtained at the office of the Borough Council, Girardville, Pa. or at the office of the Engineer, F. H. Shaw, 314 Breneman Bldg. Lancaster, Pa.

BOROUGH OF GIRARDVILLE
By EDWARD PURCELL
Clerk of Council
F. H. SHAW Engineer.